



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 42] नई दिल्ली, शनिवार, अक्टूबर 15, 1994 (आश्विन 23, 1916)
No. 42] NEW DELHI, SATURDAY, OCTOBER 15, 1994 (ASVINA 23, 1916)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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CALCUTTA, 15TH OCTOBER 1994

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Telegraphic address "PATENTOFIC".

1—287GI/94

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Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th and 7th
Floor, 234/4, Acharya Jagadish
Rose Road, Calcutta-700 030.

Rest of India.

Telegraphic address "PATENTS".

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पेटेंट कार्यालय

एकस्थ तथा अभिकल्प

कलकत्ता, दिनांक 15 अक्टूबर 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिसके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में वर्गीकृत हैं :—

पेटेंट कार्यालय शाखा, टोली इस्टेट,
सीमरा तल, लोडर परले (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, डमन तथा
दोम एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटिक्स”

पेटेंट कार्यालय शाखा,
एक सं. 401 से 405, सीमरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटॉफिक”

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिन्निकाय तथा एमिनिदिब द्वीप ।

तार पता—“पेटेंटॉफिक”

पेटेंट कार्यालय (प्रधान कार्यालय),
रिजाम टॉवर, द्वितीय मंजरी कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अग्रशोध क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपे-
क्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य भनादेश अथवा
डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट
अथवा चेक द्वारा की जा सकती है ।

CORRIGENDUM

Under the heading “PATENT SEALED” in the Gazette of
India, Part-III, Section 2, dated 26-08-94 delete Patent No.
172855.

REGISTRATION AS A PATENT AGENT

The following person has been registered as a Patent Agent
under sub-section (1)(c)(i) of Section 126 of the Patents
Act, 1970.

Archana Shanker
Remfry & Sagar
Remfry House
8, Nangal Raya Business Centre,
New Delhi-110046.

APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-20

The dates shown in the crescent branch are the dated
claimed under section 135, of the Patent Act, 1970.

26-07-1994

595/Cal/94. BTR PLC. Valve Assembly. (Convention Nos.
are 9315498.7, 9320289.3; dated 27-7-93, 01-10-93;
Great Britain).

596/Cal/94. Degussa Aktiengesellschaft. Process for the
production of a precipitated silica.

597/Cal/94. Poly-Clip System GmbH. Two-part Plastic
Clip and apparatus for closing it.

598/Cal/94. Svatopluk Mackrle, and Vladimir Mackrle. Re-
actor for biological sewage purification.

599/Cal/94. Svatopluk Mackrle and Vladimir Mackrle.
Method and apparatus for biological activating
waste water treatment.

27-07-1994

600/Cal/94. Johnson & Johnson Medical, Inc. Self-contained
Biological Indicator.

601/Cal/94. Graf & Cie Ag. Card Clothing for a carding
machine.

602/Cal/94. Phillips Petroleum Company. Chromium
Catalyst useful for polymerization of ethylene.

603/Cal/94. SEB SA. Cooking vessel with suppressed De-
formation of the bottom.

604/Cal/94. Pneumo Abex Corporation. Hybrid Brake
Assembly.

28-07-1994

605/Cal/94. The Mead Corporation. Two Tier Can package
having secured divided panel and method of
forming the same.

606/Cal/94. Ohio Electronic Engravers, Inc. Engraving
head with cartridge mounted components.

607/Cal/94. International Multi-Media Corporation. Sub-Orbital, high altitude communications system.

29-07-1994

608/Cal/94. Suresh Electrics & Electronics. A snapper hose clip.

29-07-1994

609/Cal/94. Keravision, Inc. Segmented Pre-formed intrastromal Corneal insert.

610/Cal/94. Donald L. Schilling. Overlaying spread-spectrum satellite system and method.

01-08-1994

611/Cal/94. Keravision, Inc. Segmented pliable intrastromal corneal insert.

612/Cal/94. Tenchi Kikai Kabushiki Kaisha. Twist-wrapping machine.

613/Cal/94. J. M. Voith GmbH. Coating device.

614/Cal/94. Patent-Treuhand-Gesellschaft für Elektrische Glühlampen MBH. Halogen Incandescent Lamp.

615/Cal/94. Projects & Development India Limited. A process for the manufacture of a 'Superior Low Energy Styrene Catalyst'.

616/Cal/94. Thiokol Corporation. Programmable electronic time delay initiator.

617/Cal/94. Bentac Co. Ltd. Tying method and tying apparatus for articles.

02-08-1994

618/Cal/94. Siemens Aktiengesellschaft. Method and appliance for extracting a partial flow from a flow of compressed gas.

619/Cal/94. LA-Z-Boy Chair Company. Dual Leg Rest Assembly.

620/Cal/94. Miklinjul Corporation. Voltage polarity memory system and fuse-switch assembly usable therewith.

03-08-1994

621/Cal/94. Tian An Liou. A ventilating outsole.

622/Cal/94. Progressive Manufacturing and trading company. Improved plucking baskets.

04-08-1994

623/Cal/94. Santrade Ltd. Method and apparatus for purifying the exhaust air of installations for consolidating molten substances.

624/Cal/94. Johnson Electric S.A. Two-Part end cap assembly. (Convention No. 9316643.7; dated 11-08-93; U.K.).

APPLICATION FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, TODI ESTATE THIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-13

27-6-94

281/BOM/94. Adhir B. Sharma. Tunnel Kiln (Fully Fibre lined) with Parallel firing burner placement system.

282/BOM/94. J.B. Chemicals & Pharmaceuticals Ltd. A process for the preparation of N-methyl-3- (P-trifluoromethylphenoxy) -3 phenylpropylamine.

283/BOM/94. J.B. Chemicals & Pharmaceuticals Ltd. A process for the preparation of 1-Ethyl-6-fluoro-1, 4-dihydro 7- (1-piperazinyl) -4-oxo-quinoline-3-carboxylic acid.

284/BOM/94. J.B. Chemicals & Pharmaceuticals Ltd. A process for the preparation of "1, 3-bis- (2-carboxychromon-5-yloxy) -2- hydroxypropane".

285/BOM/94. J.B. Chemicals & Pharmaceuticals Ltd. A process for the preparation on of 5-chloro-1- (1- (3-dihydro 2-oxo-2H-benzimidazol -1- yl) propyl) -4 piperidinyl) 1, 3 dihydro-2H benzimidazol-2-one.

286/BOM/94. J.B. Chemicals & Pharmaceuticals Ltd. A process for the preparation of 9-fluoro-2-3-dihydro 3-methyl -10- (4-methyl-1-piperazinyl) -7-oxo-7H-pyrido (1, 2, 3, -de) (1, 4), benzoxazine-6-carboxylic acid.

287/BOM/94. J.B. Chemicals & Pharmaceuticals Ltd. A process for the preparation of 1-Ethyl-6-fluoro-7- (4-methyl piperazinyl) -4-oxo-1,4-dihydro-quinoline-3-carboxylic acid.

288/BOM/94. J.B. Chemicals & Pharmaceuticals Ltd. A process for the preparation of 1- (4-fluorophenyl) methyl) -N- (1-(2-(4 methoxyphenyl) ethyl) -4-piperidinyl)-1H- benzimidazol-2-amine.

289/BOM/94. Mr. Remesh Bhogilal Parikh. Double rail tester.

28-6-94

290/BOM/94. LTG LUFTTECHNISCHE. Ventilation Installation.

29-6-94

291/BOM/94. Chandrakant Damodardas Gandhi. A less injurious to health cigarette.

292/BOM/94. Philips India Ltd. A remote operated device for injecting a microphone signal into an audio system.

293/BOM/94. Mr. Rajendra Yashwant Angle. An improved process for manufacturing mineral Chelates of Amino acids in liquid form for foliar application.

294/BOM/94. Mr. Rajendra Yashwant Angle. Improved process for manufacturing mineral chelates of amino acids in powder form for soil application.

295/BOM/94. Mr. Rajendra Yashwant Angle. Improved process for manufacturing mineral chelates of amino acids in powder form for seeds.

296/BOM/94. Mr. Rajendra Yashwant Angle. An improved process for manufacturing mineral chelate of amino acids in powder form for aquaculture.

29-6-94

297/BOM/94. Mr. Rajendra Yashwant Angle. An improved process for manufacturing mineral chelates of amino acids in powder form for veterinary purpose.

298/BOM/94. Dasarathi Samanta, Anukul Samanta, Mahadev Samanta, Basudev Samanta & Jaydev Samanta. Process of manufacturing in improved natural fibre composite sheets;

299/BOM/94. Arun Kumar Gathoria. 'Built in' tilting arrangement for round tube-light & its light shade.

30-6-94

300/BOM/94. P. V. Chandromohan. Base load System.

301/BOM/94. Daman Engineering & Metal Co. Pvt. Ltd. An improved device for vapourising liquid for repelling insect and/or refreshing Air.

302/BOM/94. Hindustan Lever Ltd. Process.

01-07-94

- 303/BOM/94. Radhakrishna Neelkanta Rao Jagdale. A process for preparation of EGG protein Iso-late.
- 304/BOM/94. Mrs. Gauriben Kanjibai Vaghela. Disposable Dishes.
- 305/BOM/94. M/s. Star precision Electronics (I) Ltd. An improved PC-Based opto Electronic device for determination of fibre length characteristics.
- 306/BOM/94. M/s. Star precision Electronics (I) Ltd. An improved PC-based universal Tensile Testing Machine.
- 307/BOM/94. M/s. Star precision Electronics (I) Ltd. An improved PC-Based yarn Evenness and Hairiness Evaluation System.
- 308/BOM/94. Hindustan Lever Ltd. U.K. Priority dated 8-7-93. Apparatus and Methods for Producing Packets.
- 309/BOM/94. Hindustan Lever Ltd. U.K. Priority dated 5-7-93. Improvements Relating to Soap Bars.
- 310/BOM/94. Hindustan Lever Ltd. Dual Chamber Dispenser.

5-07-94

- 311/BOM/1994. M/s. Ashida Electronics. An improved & Unique Electronic Protection Relay for Controlling Circuit breaker functions used for protections of Feeders, Transformers or any other electrical power system distribution installations networks.
- 312/BOM/1994. M/s. J.B. Chemicals & Pharmaceuticals Ltd. A process for the preparation of "5-(2-Chlorophenyl) methyl) -4- 3, 6, 7-tetrahydrothieno (3, 2, -c) pyridine".
- 313/BOM/1994. M/s. J.B. Chemicals & Pharmaceuticals Ltd. A process for the manufacture of "An extract obtained from Ayurvedic Medicinal Plant, Viz., "KATUKI".
- 314/BOM/1994. M/s. J.B. Chemicals & Pharmaceuticals Ltd. A process for the manufacture of "An extract obtained from Ayurvedic Medicinal Plant, Viz., "PIPPALI".
- 315/BOM/1994. M/s. J.B. Chemicals & Pharmaceuticals Ltd. A process for the manufacture of "An extract obtained from Ayurvedic Medicinal Plant, Viz., "HARIDRA".
- 316/BOM/1994. M/s. J.B. Chemicals & Pharmaceuticals Ltd. A process for the manufacture of "An extract obtained from Ayurvedic Medicinal Plant Viz., "HARITAKI".
- 317/BOM/1994. M/s. J.B. Chemicals & Pharmaceuticals Ltd. A process for the manufacture of "An extract obtained from Ayurvedic Medicinal Plant, Viz., "VIBHITAKI".
- 318/BOM/1994. M/s. J.B. Chemicals & Pharmaceuticals Ltd. A process for the preparation of "N-methyl-11-aza-10-deoxy-10-dihydro erythromycin A".
- 319/BOM/1994. M/s. J.B. Chemicals & Pharmaceuticals Ltd. A process for the manufacture of "An extract obtained from Ayurvedic Medicinal Plant, Viz., "KALMEGH".

6-07-1994

- 320/BOM/1994. Sanjay Kher & S.S. Marhas. Sealed off Nitrogen Laser Tube.
- 321/BOM/1994. Dr. Anil Mokashi, Avinash Khairatkar & Sunil Subhedar. Neo Natal Respirator.

11-07-1994

- 322/BOM/1994. Ivory soap works private Limited. A Toilet soap.

11-7-1994

- 323/BOM/1994. Abid Fidahussain Kagalwala. An improved Ballast.
- 324/BOM/1994. Dr. Balmukund Shah & Dr. Ushakant Shankarlal Shah. Improved Design of Laminar Air Flow System.

12-07-1994

- 325/BOM/1994. Raghuvir Singh Hada. Stream Power Generator for generating power from a flowing stream.

14-7-1994

- 326/BOM/1994. Yashwant Gopal Ghaisas. "Multi-purpose oven".

15-7-1994

- 327/BOM/1994. Camphor & Allied Products Ltd., A process for the preparation of carvomenthone.
- 328/BOM/1994. Ramesh Chunibhai Patel, Ashok Gordhandas Amin & Jatin Chandrakant Patel. Tight Shutoff Autoblood valve.
- 329/BOM/1994. Universal Luggage Mg. Co. Ltd. A system to lock luggages such as suitcases, briefcases & the like. At two points by one operation.

19-7-1994

- 330/BOM/1994. Hindustan Lever Limited. Process for producing Transparent soap material.
- 331/BOM/1994. Hindustan Lever Limited. Process for making transparent soaps.

20-7-1994

- 332/BOM/1994. Bapoo Malcolm Malcom & Piloo Malcolm Malcolm Indian Nationals. Invention relating to a new improved method of eliminating mosquitoes.
- 333/BOM/1994. Hemant Madhukar Randive. Multiple cutter Mixer cum Grinder.

21-7-1994

- 334/BOM/1994. Bhausaheb Bapurao Nikam. A closed pressure chuteless multiple roller milling system.
- 335/BOM/1994. Hindustan Lever Limited. Composition.
- 336/BOM/1994. Yashwant Gopal Ghaisas. An improved tribo charging gun for powder spraying.

25-7-1994

- 337/BOM/1994. Shaikh Jabbar, S/o Shaikh Quasim. "Jabbar Wheel".
- 338/BOM/1994. Indo-Biotech foods Ltd. "Improved process for manufacturing vitaminised lime/lemon pickle & Vitaminised lime/lemon pickle made by said process".
- 339/BOM/1994. Dilip Shantaram Dahanukar. "Process for manufacturing natural Rose syrup without any synthetic flavours or colours & natural rose syrup made by said process."

26-7-1994

- 340/BOM/1994. Hindustan Lever Limited. Amido peroxy-carboxylic acids for bleaching.
- 341/BOM/1994. Hindustan Lever Limited. Amido peroxy-carboxylic acids for bleaching.

342/BOM/1994. Dilip Shantaram Dahanukar. "Process for manufacturing Tomato rasam liquid concentrate and instant tomato rasam (South India Spicy Tomato soup). Prepared from said liquid rasam concentrate.

27-7-1994

343/BOM/1994. Mohan Madhav Bharadwaj. An arrangement of Fill (or packing) for cooling tower.

28-7-1994

344/BOM/1994. Santan Jena S/o Mr. Balabhadra Jena. A device for solving relative velocity problems & astro problems.

345/BOM/1994. Shanker Keshav Modak. "Bed Topsheet Design".

APPLICATIONS FOR PATENTS FILED AT THE
PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,
MADRAS-600 002.

16-8-1994

768/MAS/94. K. Dakshinamurthy. (a) remote sensing and nearby panel indicating of water level (for that matter any liquid level) in overhead water tank in houses and factories and multistoried buildings, and (b) to automatically switching on and switching off the pump motor so that no overflow and wastage of water occurs and it makes the job easier to find and know the water level by any body sitting in ground level and avoids the strenuous job of climbing up to the tank level for inspection of water level.

769/MAS/94. K. Dakshinamurthy. Production of 3 phase 415 volts, 120 degrees displacement balanced supply from 415 vol's, 120 degrees displacement unbalanced 2 phase supply of 50 c/s frequency, where supply system neutral is available.

770/MAS/94. K. Dakshinamurthy. A system of protective windings for the 3 phase induction motor, 415 volts, 50 c/s which prevents the original 3 phase winding from burning away on 2 phases. This protective winding run in the same stator slots as the original winding.

771/MAS/94. V. K. Asokan. Cook help.

772/MAS/94. Mui Richard Chin/Pang. Engine.

773/MAS/94. Procelain Metals Corporation. Portable Grill.

774/MAS/94. Image Database Technologies (Proprietary) Limited. A method of producing a personal information-bearing card.

775/MAS/94. The Clean Water Company Limited. Method and apparatus for treating liquids. (August 16 1993; Great Britain).

776/MAS/94. Dana Corporation. Bearing cap and pump mounting flange for power take-off unit.

777/MAS/94. Mhitraa Engineering Equipment (P) Ltd. A component cleaning equipment.

778/MAS/94. Indian Space Research Organisation. Improved Universal Testing Machine.

17-8-1994

779/MAS/94. Esvin Advanced Technologies Limited. A process using micro-organisms for the treatment of effluents discharged by the paper, sugar, distillery, tannery units for obtaining decolourised effluents.

780/MAS/94. Schneider Electric S.A. Electromagnetic relay with bistable contact.

781/MAS/94. PPV Verwaltungs AG. Method and apparatus for recycling waste containing plastic and/or organic material.

782/MAS/94. Barmag AG. False twist crimping machine.

783/MAS/94. Yale University. Cosmetic melanins.

784/MAS/94. Cerberus AG. Arrangement for the early detection of fires.

18-8-1994

785/MAS/94. LT. COLP. Aravindakshan Nair (Retd.). A knot-shaped piece for neck ties titled "sage tie knot".

786/MAS/94. (Airboss Limited. Ground engaging means. (August 20, 1993; Australia).

787/MAS/94. Zellweger Luwa AG. Apparatus for checking the winding quality of yarn bobbins and use of the apparatus on a winding or spinning machine.

19-8-1994

788/MAS/94. C. Sampat Raj. Improved & Reinforced collapsible gate.

789/MAS/94. Cerberus AG. Method for the prevention of false alarms in a fire alarm system and a fire alarm system for implementation of the method.

790/MAS/94. Jaime Baucells Granell. Safety syringe.

791/MAS/94. Ionza Ltd. A method of preparing micro-organisms. (Divisional to Patent Application No. 293/MAS/93).

792/MAS/94. Ramachandran Ramamurthy. A flexible drive coupling.

22-8-1994

793/MAS/94. P. T. BABY. Auto filler.

794/MAS/94. Kimberly-Clark Corporation. Thermoplastic applicator exhibiting accelerate breakup when immersed in water.

795/MAS/94. Kimberly-Clark Corporation. Absorbent article having a body adhesive.

796/MAS/94. Hoechst Aktiengesellschaft. Process for the preparation of fluorinated monomers.

797/MAS/94. Hoechst Aktiengesellschaft. Filter material and method of removing oxides of nitrogen from gases and liquids.

23-8-1994

798/MAS/94. Maschinenfabrik Rieter AG. Spinning machine with underwinding crown.

799/MAS/94. Euro-Celtique S. A. Laxative compositions. (September 14, 1993; United Kingdom).

800/MAS/94. Owens-Illinois Plastic Products Inc. An apparatus for forming an extruded thermoplastic foam product. (Divisional to Patent Application No. 608/MAS/90).

24-8-1994

801/MAS/94. Qualcomm Incorporated. Dual distributed antenna system.

25-8-1994

802/MAS/94. Brakes India Limited. Pressure modulation valve for antilock brake system for hydraulically operated brakes of an automobile.

803/MAS/94. Brakes India Limited. Speed sensing device for antilock braking/traction control systems on automobiles.

- 804/MAS/94. Brakes India Limited. An anti twist coupling.
- 805/MAS/94. Brakes India Limited. Low speed trip-off for electro magnetic retarder control (in automobiles).
- 806/MAS/94. Brakes India Limited. K. Isolation valve for antilock brake system of hydraulically operated brakes of an automobile.
- 807/MAS/94. Sengamedu Hanumantha Rao Srinivasan and Viswanathan Vinay and Ramachandran Raju Viswanathan. A broad game.
- 808/MAS/94. Sengamedu Hanumantha Rao Srinivasan & Viswanathan Vinay and Ramachandran Raju Viswanathan. A puzzle.
- 809/MAS/94. Chief Project Officer, International Advanced Research Centre for Powder metallurgy and new materials. An indirect-heated catalytic converter.
- 810/MAS/94. Palanisami Marappan. Peroxidase expression in pigeon pea (*Cajanus cajan* (L) Millisp) cultivars and its wild relative (*Alysicarpus albigera* Benth).
- 811/MAS/94. ABB Management AG. Device for the electrical and mechanical connection of the component conductors for supplying and removing the coolant.
- 812/MAS/94. Meipro Torteck Limited. Liquid/Solid separation. (September 6, 1993; great Britain).

26th August 1994

- 813/MAS/94. V. Ashwini Kumar and J. Rama Rao. Two roller knifeless teasing g.m.
- 814/MAS/94. Vital Mallya Scientific Research Foundation. Hydroxycitric acid concentrate and food products prepared therefrom.
- 815/MAS/94. Maschinenfabrik Rieter AG. Textile machine with a variable-speed drive.
- 816/MAS/94. RPB Industries Public Limited Company. Method and apparatus for heating and grinding materials. (August 27, 1993; United Kingdom).
- 817/MAS/94. Robert J. Fill. Nozzle for injection moulder. (August 26, 1993; New Zealand).
- 818/MAS/94. Quasons (International) Limited. Laundry detergent composition. (August 27, 1993; Great Britain).
- 819/MAS/94. Maschinenfabrik Rieter AG. Control device for a textile machine.
- 820/MAS/94. Staubli AG. Apparatus for the handling of healds for warp thread drawing in machines.
- 821/MAS/94. Staubli AG. Heald-separating apparatus for warp-thread drawing-in machines.
- 822/MAS/94. Staubli AG. Laundry detergent composition.

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15th March 94

- 286/Del/94. The Director, I.I.T. Kanpur and Dr. Kunal Ghosh. "Instruments for Measuring Wind Velocity."
- 287/Del/94. The Procter & Gamble Company and Novo Nordisk A/S. "Cellulase Containing Detergent Composition with Cleaning Performance without Fabric Damage." (Convention date 19th March, 1993)—U.K.

- 288/Del/94. The Procter & Gamble Company. "Detergent Composition Containing Endoglucanase and Polydispersants with Cleaning Performance without Fabric Damage." (Convention date 19th March, 1993)—U.K.
- 289/Del/94. The Procter & Gamble Company. "Detergent Composition Containing Endoglucanase and Protease with Cleaning Performance without Fabric Damage." (Convention date 10th March, 1993) U.K.
- 290/Del/94. The Procter & Gamble Company. "Detergent Composition Containing Endoglucanase and a Bleach System with cleaning performance without Fabric Damage." (Convention date 19th March, 1993)—U.K.
- 291/Del/94. Mayank Sharma. "An Optoelectrical Key Board."
- 292/Del/94. Court Aulds Plc., "Fibre WEB." (Convention date 24th March, 1993)—U.K.
- 293/Del/94. Herbert Scheffel. "Railway Vehicle Suspensions".
- 294/Del/94. Schlage Lock Company. "Interchangeable Faceplates for Door Latches permitting adaption to a variety of standard door preparations."
- 295/Del/94. Smiths Industries Medical Systems, Inc., "Needle Sheaths."

16th March 94

- 296/Del/94. Council of Scientific & Industrial Research. "A process for the preparation of resistor element and a resistor SO formed."
- 297/Del/94. Imperial Chemical Industries Plc., "Production of Difluoromethane." (Convention date 24th March, 1993 and 24th March, 1993)—U.K.
- 298/Del/94. Imperial Chemical Industries Plc., "Production of Difluoromethane." (Convention date 24th March, 1993 and 24th March, 1993)—U.K.
- 299/Del/94. Reliance Electric Industrial Company. "Mechanical Power Transmission System having improved Lubricant Circulation Apparatus."
- 300/Del/94. Corning Incorporated. "Method and Apparatus for Coating Optical Waveguide Fibers."
- 301/Del/94. Cherny Holdings Limited. "Support Arrangement." (Convention date 17th March, 1993)—AU.

17th March 94

- 302/Del/94. The Procter & Gamble Company. "Cellulase Containing Detergent Composition with Cleaning Performance without Fabric Damage." (Convention date 19th March, 1993)—U.K.

18th March 94

- 303/Del/94. De La Rue Giori S.A., "Wiping Device for an Intaglio Printing Machine."
- 304/Del/94. Director General, N.I.C. Government of India. "Computer Aided Paperless Examination System."
- 305/Del/94. Dominique Crasset. "Device for Operating a Gearbox."
- 306/Del/94. Prospects Corporation. "Power Driven Venting of a Vehicle."

21st March 94

- 307/Del/94. Colgate-Palmolive Company. "Liquid Household Cleaning Composition with Insect Repellent."

308/Del/94. Basf Lack & Farben Aktiengesellschaft, "Three Layer metal pipe coating composition and process for the exterior coating of metal pipes by Three-Layer method."

309/Del/94. Jacobs Engineering Limited, "Electricity/Carbon Monoxide Production Process."

22nd March 94

310/Del/94. Telefonaktiebolaget L M Ericsson, "A method for cascading of Microbases."

311/Del/94. J. Lyell Glnter, "Vapor-Air Steam Engine."

312/Del/94. Council of Scientific & Industrial Research, "A process for preparation of Catalyst useful for the preparation of Carboxylic Acids by Oxidation of Hydrocarbons."

313/Del/94. Council of Scientific & Industrial Research, "An Improved process for the preparation of Carboxylic Acids by Oxidation of Hydrocarbons."

314/Del/94. Motorola Inc., "Method and Apparatus for Minimizing mean calculation rate for active addressed display."

23rd March 94

315/Del/94. Council of Scientific, and Industrial Research, "A Device useful for measuring displacements in Road Pavement Layers."

316/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of Immobilized Penicillin Acylase using novel microporous Allyl Glycidyl Copolymers useful for the preparation of 6-Amino Penicillanic Acid."

317/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of Trifunctional Amino Acids based imido Acids for the Synthesis of Pendant Chain Linked Biodegradable Polymers."

318/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of Pendant Chain Linked Amino Acid containing Biodegradable Polymers."

319/Del/94. Council of Scientific and Industrial Research, "An improved process for the manufacture of Technical Grade Benzoic Acid from Crude Benzoic Acid Methyl Ester."

320/Del/94. Council of Scientific and Industrial Research, "A double walled Battery Container."

23rd March 94

321/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of a Magnesium Alloy useful for making Anodes for Cathodic Protection."

322/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of Silicon Nitride in the form of Powder and Whiskers."

323/Del/94. Rajeev Gupta, "Indicating Device for Indicating the Contents in a Bag."

324/Del/94. Kabushiki Kailsha Toshiba, "Method of Controlling process and apparatus thereof."

325/Del/94. J. B. Joshi, "A Gas/Liquid Reactor."

326/Del/94. Kashinath Joshi, "An Electric cum Solar Cooker."

327/Del/94. Cosmo Films Limited, "A Synthetic Paper."

328/Del/94. Cosmo Films Limited, "A Synthetic Paper."

329/Del/94. Cosmo Films Limited, "A Synthetic Paper."

330/Del/94. Cosmo Films Limited, "A Synthetic Paper."

331/Del/94. Standipack Private Limited, "A Stand up Pouch."

332/Del/94. Imperial Chemical Industries Plc., "Catalyst Compositions." (Convention date 22nd December, 1988)—U.K.

333/Del/94. The Gillette Company, "Non-Aerosol Shaving Gel."

334/Del/94. Ansan Ahmed, "Change over cum Switch Fuse."

25th March 94

335/Del/94. Shell Internationale Research Maatschappij B. V., "Polymer and Polymer Anticorrosives for use in Anti-Corrosive Paints, and a process for preparing the same."

336/Del/94. The Procter & Gamble Company, "Superabsorbent Polymer Foam."

337/Del/94. The Procter & Gamble Company, "Sleeved Stacks for compact packaging of Flexible Articles." (Convention date 30th March, 1993)—U.K.

28th March 94

338/Del/94. Ultimate Display System Pte Ltd., "Hingeless Enclosure for a display system." (Convention date 30th July, 1993)—U.K.

339/Del/94. British Technology Group Limited, "Improvements in or relating to separators." (Convention date 31st March, 1993)—U.K.

340/Del/94. Emhart Glass Machinery Investments Inc., "A parison transfer mechanism." (Convention date 13th April, 1993)—U.K.

28th March 94

341/Del/94. Motorola Inc., "Selective call receiver holster with integral display impact protection."

342/Del/94. Vijay Vasant Deshpande, "Solar Pipe Water Heater."

29th March 1994

343/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of a Microbial Composition which is useful for reproducible Bod estimations."

344/Del/94. Council of Scientific and Industrial Research, "An Improved process for the preparation of deta Thiamidine."

345/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of Chemically Linked Biodegradable Polymers based on trifunctional Amino Acid derivatives of Dicarboxylic Acid Chlorides."

346/Del/94. Council of Scientific and Industrial Research, "A Process for the preparation of, Trifunctional Amino Acid Derivatives of Dicarboxylic Acid Chlorides."

347/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of Monochlorophthalic Anhydride free from Dichloro components."

348/Del/94. Council of Scientific and Industrial Research, "An improved process for the Dewaxing of Foos Oil using Micro Organisms."

349/Del/94. Council of Scientific and Industrial Research, "An improved process for the preparation of Bisallyl Ether of Bisphenols."

350/Del/94. Council of Scientific and Industrial Research, "A process for the preparation of Drug Encapsulated Target specific Immunoliposomes for the Treatment of Drug resistant discharge."

351/DEL/94. Council of Scientific and Industrial Research, "A process for the preparation of Therapeutically useful Novel Monospecifically useful Novel Monospecific Proteins device against parasite infected cells."

352/DEL/94. Council of Scientific and Industrial Research, "A process for the preparation of Therapeutically useful Novel specific proteins against parasite infected cells."

353/DEL/94. Council of Scientific and Industrial Research, "A process for the production of Xylanase Solution without any detectable Carboxymethyl Cellulase activity."

354/DEL/94. Council of Scientific and Industrial Research, "A Waste Loading System."

29th March 1994

355/DEL/94. Council of Scientific and Industrial Research, "Improvement in relating to the development of solvent less high build thicker coating for pipelines and Steel Structures in hostile environments."

356/DEL/94. Council of scientific and Industrial Research, "An improved process for the preparation of cationic starch."

357/DEL/94. Piaggio veicol I Europe I S.P.A., "Compact cylinder head arrangement for internal combustion engines, in particular with two cylinders."

358/DEL/94. BASF Lacke & Farben Aktiengesellschaft, "Complexable Water-Borne ink composition for application to plastic film containing an acrylic resin and an Aminoplastic Resin."

359/DEL/94. Polyphalt Inc., "Stabilized Bitumen compositions." (Convention date 29th March, 1993)-U.K.

360/DEL/94. Otsuka Pharmaceutical Factory, Inc., "Multilayer film and container."

30th March 1994

361/DEL/94. Whirlpool Corporation, "Remote control for a domestic appliance."

362/DEL/94. Whirlpool Corporation, "Diagnostic method and apparatus for a domestic appliance."

363/DEL/94. Whirlpool Corporation, "Over temperature condition sensing method and apparatus for a domestic appliance."

364/DEL/94. The Procter & Gamble Company, "Purple colored beverages brightened with clouding agents."

365/DEL/94. The Star Wire (India) Limited, "Process of preparing bullet proof steel."

366/DEL/94. Pradeep Kumar Rohatgi, "A method to produce a composite containing reinforcing material."

367/DEL/94. Kul Bhushan Lallwadhwa, Rangachari Sriman and Syed Abdul Hadi, "A pin type foldable looking device."

368/DEL/94. Westinghouse Air Brake Company, "Lubricating liner assembly for Railway Car Truck Bolster Bowl."

369/DEL/94. Westinghouse Air Brake Company, "Lubricating apparatus for articulated coupling arrangement."

31st March 1994

370/DEL/94. Council of Scientific and Industrial Research, "A process for the preparation of an improved supported catalyst useful for the oxidative coupling of methane to higher hydrocarbons, oxidation

conversion of natural gas to ethylene and other lower olefins and oxidative dehydration of lower alkanes."

371/DEL/94. Council of Scientific and Industrial Research, "A process for the oxidative conversion of Ethanes or C₂-C₄ paraffins to Ethylene and higher Olefins. Using the improved supported catalyst."

372/DEL/94. Council of Scientific and Industrial Research, "A process for the oxidative conversion of Methane or Natural Gas to Ethylene, Ethane and higher Hydrocarbons using the improved supported catalyst."

373/DEL/94. Council of Scientific and Industrial Research, "A process for the preparation of Novel Protease tolerant to high P.H. high temperature and high levels of chromium IONS."

374/DEL/94. Council of Scientific and Industrial Research, "A process for the production of Nano-Seized Neodymium-Iron-Boron permanent Magnet Alloy Powder."

375/DEL/94. Council of Scientific and Industrial Research, "A process for the preparation of Hydrophillic Stable Macroporous Beads."

376/DEL/94. Council of Scientific and Industrial Research, "An improved device useful to produce Spheroidal and Compacted Graphite Irons Magnesium."

377/DEL/94. Council of Scientific and Industrial Research, "An improved device useful for improvement in quality of continuous cast steel."

378/DEL/94. Council of Scientific and Industrial Research, "A process for the preparation of crystalline high sodium Y-Type Zeolite."

379/DEL/94. Council of scientific and Industrial Research, "A process for the preparation of component of an artificial foot such as the Jaiur foot & an artificial foot made thereby."

380/DEL/94. Council of Scientific and Industrial Research, "A new process for the preparation of Uniform Ultra Thin Films of Metal Oxides, Metal Chalcogenides or Metal Halides."

381/DEL/94. Hindustan Sanitaryware & Industries Ltd., "European water closet (Super constellation Closet)."

382/DEL/94. Jonhig Limited, "Smart Card Reader."

383/DEL/94. Hwalin Electronic Co. Ltd., "Radio Frequency Modulator."

31st March 1994

384/DEL/94. Etablissements Morel-Ateliers Electromecaniques De Favieres, "Connection cabinet for optical fibres."

385/DEL/94. Motorola, Inc., "Electronic Greeting Card Store and Communication system."

386/DEL/94. Balcke-Durr Aktiengesellschaft, "Method and device for manufacturing Heat Exchanger Elements and Tabular member used for the manufacture."

387/DEL/94. Colgate-Palmolive Company, "Dispensing device for viscous materials."

388/DEL/94. Eastman Chemical Company, "Catalyst compositions and the use thereof in the hydrogenation of Carboxylic Acid Esters."

4th April 1994

389/DEL/94. Steel Authority of India Ltd., "A method for manufacturing Chromium-Containing Stainless Steel with low carbon and low phosphorus content."

390/DEL/94. International Business Machines Corporation, "Keyboard with translating sections."

391/DEL/94. Mining Services International, "Method of lowering the density of Ammonium Nitrate-Based Mining Explosives."

392/DEL/94. DE LA RUE GIORI S.A., "Security Printing Machine."

393/DEL/94. Moltech Invent SA, "The application of Refractory Borides to Protect Carbon containing components of Aluminium Production Cells."

394/DEL/94. Prospects Corporation, "Power Driven Venting of a Vehicle."

395/DEL/94. Moltech Invent SA, "Treated Carbon Cathodes for Aluminum Production."

5th April 1994

396/DEL/94. Ronald C. Winger, "Apparatus and method for securing buildings during high wind conditions."

397/DEL/94. The Procter & Gamble Company, "Pump device including multiple function collapsible pump chamber."

398/DEL/94. Chief Controller, D/o DRDO, "Process for preparing Biocompatible and Corrosion Resistance Surface Coating over a metal and/or Alloys thereof."

399/DEL/94. Chief Controller, D/o Defence Research, "Dental Implants with Corrosion Resistance and Biocompatible surface and method of making thereof."

400/DEL/94. Chief Controller, D/o Defence Research, "Endosseous Dental Implants for supporting Dental Prosthesis and method of preparing the same."

401/DEL/94. Chief Controller, D/o Defence Research, "Cylindrical Dental Implants and method of making thereof."

402/DEL/94. Chief Controller, D/o Defence Research, "Surgical Dental Implants and method of preparation and Implantation thereof."

403/DEL/94. Chief Controller, D/o Defence Research, "Surgical Tool and apparatus for Dental Implant Insertion and method of utilisation thereof."

404/DEL/94. Lenzing Aktiengesellschaft, "Process for the production of Cellulose Fibres having a reduced tendency to fibrillation."

405/DEL/94. Sleuten, "Device for fixing a partition for Tube Mill and method for this purpose."

406/DEL/94. Honda Giken Kogyo Kabushiki Kaisha, "Damping apparatus for Motor-Bicycles."

407/DEL/94. The Lenox Institute of Water Technology, Inc., "Compact clarifier system for Municipal waste water treatment."

6th April 1994

408/DEL/94. Lucky Ltd., "Novel reactive thionphosphate derivatives of thia (DJA) zole acetic acid and process for preparing the same."

409/DEL/94. Sanveng Electronics Co., Ltd., "Coil Winding Element."

410/DEL/94. Ingersoll-Rand Company, "Turn valve control system for a rotary screw compressor."

411/DEL/94. Motorola, Inc., "Method and apparatus for Radio frequency bandwidth sharing among heterogeneous radio communication systems."

412/DEL/94. Motorola, Inc., "Method and apparatus for use in forming pre-positioned solder bumps on a pad arrangement."

7th April 1994

413/DEL/94. The Whitaker Corporation, "Module for electrically connecting conductor wires to circuits of flat surfaces such as solar panels."

414/DEL/94. Sulzer Thermtec AG., "A reactor pressure vessel in a Nuclear Power Station."

11th April 1994

415/DEL/94. Bharat Heavy Electricals Limited, "A method for upgrading low rang Coals."

416/DEL/94. Dr. Bhupendra K. S. Sanjay, "Device for Distraction-Compression-Fixation of small bones of Hands and Feet of Human Body."

417/DEL/94. The Whitaker Corporation, "Double Lock Connector."

418/DEL/94. Nagra Plus S. A., "Data processing system having a set of Memory Cards."

419/DEL/94. RHEIN CHEMIE RHEINAU GMBH, "Process for the production of Polymer-Bound Rubber Chemicals."

12th April 1994

420/DEL/94. Lucas Industries Public Limited Company, "A Vehicle Braking System." (Convention date 18th January 1989, 13th April 1989 and 9th August 1989)-U.K.

421/DEL/94. ROHM and HAAS Company, "Use of a Coating Comprising an Acid-Functional Polymer and an Organosilane."

12th April 1994

422/DEL/94. West Inghouse Air Brake Company, "High Capacity Draft Gear Assembly."

423/DEL/94. ROHM and HAAS Company, "Use of a Multi-Staged Latex and a process for making the Multi-Staged Latex."

424/DEL/94. L'Air Liquide, Societe Anonyme Pour L'etude ET L'Exploitation DES Procèdes Georges Claude, "Cryogenic process and Plant for the production of Argon."

425/DEL/94. General Electric Company, "Improved Speed Sensor."

426/DEL/94. General Electric Company, "Electromagnetically Operated Pneumatic valve assembly for an Electrical Contactor Actuator."

427/DEL/94. The Whitaker Corporation, "A Friction Fit Strain Relief Boot."

428/DEL/94. National Research Development Corporation, "A process for producing Encapsulated Calcium Carbide."

13th April 1994

429/DEL/94. The Procter & Gamble Company, "Secondary (2, 3) Alkyl Sulfate Surfactants in Stable Enzyme containing Detergent Compositions."

430/DEL/94. The Procter & Gamble Company, "Secondary (2, 3) Alkyl Sulfate Surfactants in mixed Surfactant Particles."

431/DEL/94. The Procter & Gamble Company, "Preparation of Fruit and Nut Mixes with improved Texture and Texture Stability."

432/DEL/94. Connector Set Limited Partnership, "Chain Drive for construction Toy System."

433/DEL/94. Council of Scientific and Industrial Research, "A Novel Biocatalytic process for the synthesis of optically active chrysanthemic acid."

434/DEL/94. Council of Scientific and Industrial Research, "A process for making Liposomes useful for Administering materials such as Drugs, Vaccines, Cosmetic material through the pores of the skin."

435/DEL/94. Council of Scientific and Industrial Research, "An Improved Gas Sensor for Sensing Ammonia."

436/DEL/94. Bharat Heavy Electricals Limited, "Laser based alignment system for Electric Power and other Industries."

437/DEL/94. Mr. Chura Mani Sen, "A Pollution Control Device."

438/DEL/94. Hughes Aircraft Company, "Permanent Magnetic suspension with Roller Guides."

13-4-1994

439/DEL/94. British United Shoe Machinery Limited, "Method of producing Sound-Deadened Metallic Sheets."

440/DEL/94. Zeneca Limited, "Production of Plastics materials from Microorganisms." (Convention date 14th April, 1993)-UK.

441/DEL/94. Eastman Kodak Company, "A Spinneret for producing a Spontaneously Transportable Fiber."

15-4-1994

442/DEL/94. The Whitaker Corporation, "Switching of balanced Linepairs in a Cable Management system with reduce number of crosspoint Switches."

443/DEL/94. Kaptron, Inc., "1 X N Splitter or Single-Mode Fibres and method of construction."

444/DEL/94. The Whitaker Corporation, "Captivated Fiber Optic Connector."

445/DEL/94. Onil Bhatnagar, "Long Range Target Finder."

446/DEL/94. The Procter & Gamble Company, "Enzymatic Detergent Compositions Inhibiting Dye Transfer." (Convention date 26th April, 1993 and 22nd July, 1993)-U.K.

447/DEL/94. Honda Giken Kogyo Kabushiki Kaisha, "Electric Vehicle."

448/DEL/94. Motorola, Inc., "Integrated Battery contact and Retention Protrusion."

449/DEL/94. Howorka Franz, "An apparatus for the treatment of Solid, Liquid and/or Gaseous Materials"

18-04-94.

450/DEL/94. Udai Prateep Singh, "A Novel Method for Extraction for Potassium as Potassium Chloride from Polyhalite $K_2MgCa_2(SO_4)_4 \cdot 2H_2O$ for its Commerical use as Fertilizer."

451/DEL/94. Dr. Rachhpal Singh Bali, "Packaging of Fruits Entitled," Straw Board Column Box—A new Concept in Packaging of Fruits."

452/DEL/94. Faudat Concept, and Ziemann-Secathen S. A., "Heat Exchange Means and A Method for Cooling the Enclosure of Such Means."

453/DEL/94. Motorola, Inc., "Method and Apparatus for Storing Compressed Data for Subsequent Presentation on an Active Addressed Display."

454/DEL/94. Motorola, Inc., "Portable Radio Battery Latch."

455/DEL/94. Honda Giken Kogyo Kabushiki Kaisha, "front cover for Motorcycle."

456/DEL/94. Brighish Technology Group Limited, "Optical Communication." (Convention dated 19th April 1993, and 5th October, 1993)-UK

19-04-94.

457/DEL/94. The Procter & Gamble Company, "Pump Device with Collapsible Pump Chamber Having Intergral Shipping Seal."

458/DEL/94. The Procter & Gamble Company, "Collapsible Pump Chamber Having Predetermined Collapsing Pattern."

459/DEL/94. The Procter & Gamble Company, "Methods of Using Hesperetizing for Sebum Control and Treatment of Acne."

460/DEL/94. Solvay Deutschland GmbH, "Process for Treating Waste Water"

461/DEL/94. Sony Corporation, "Data Broadcasting System."

462/DEL/94. Rohm and Hass Company, "Copolymer useful as a Pour Point Depressant For a Lubricating oil."

463/DEL/94. Alliedsignal, Inc., "Rigid Materials Having High Surface Area and Low Density."

464/DEL/94. Alliedsignal, Inc., "Process and Apparatus for Biological Remediation of Vaporous Pollutants."

465/DEL/94. Union Espanola De Explosive, Sociedad Anonima, "An Explosive Composition Suitable for Cartridging In Paper and its Method of Manufacture."

21-04-94

466/DEL/94. Central Electronics Limited, "A Process of Demagnetizing of a Ferrite Core for use in a Phase Shifter."

467/DEL/94. Central Electronics Limited, "A sputtering Apparatus."

468/DEL/94. Aktiebolaget Astra, "A Process for the preparation of a Pharmaceutical Composition."

469/DEL/94. Voest-Alpine Industrieanlagenbau, "A process for the Utilisation of Iron-Containing Wastes or Residues."

470/DEL/94. Hughes Aircraft Company, "Apparatus for Providing the Coordinated Rotation of two Inter-related Components."

471/DEL/94. L'Air Liquide, Societe Anonyme Pour L'Etude ET L'Exploitation Des Procesdes (Georges Claude "Process and Installation for the Separation of Air."

472/DEL/94. Imperial Chemical Industries PLC. "Vaporisation of Liquids." (Convention date 22nd April 1993 and 22nd April, 1993)-U.K.

473/DEL/94. Imperial Chemical Industries PLC., "Compounds and USE." (Convention date 20th April, 1993 and 1st June, 1993)-UK.

22-04-94

474/DEL/94. Ranbaxy Laboratories Limited, "Process for Pnitrobenzyl Ester Cleavage in Cephalosporin."

475/DEL/94. Bernard Charles Sherman, "Improved Pharmaceutical Acceptable Compositions." (Convention date, (28-4-93) Newzealand.

476/DEL/94. Courtaulds Fibres (Holdings) Limited, "Formation of a Cellulose-Based Premix."

477/DEL/94. Courtaulds Fibres (Holdings) Limited, "Pumping of Cellulose Containing Mixtures."

478/DEL/94. Courtaulds Fibres (Holdings) Limited, "Filtering Particulate Cellulosic-Based Material."

- 479/DEL/94. Courtaulds Fibres (Holdings) Limited, "Premix Storage Hopper."
- 480/DEL/94. Kennametal, Inc., "Extraction Undercut for Flanget Bits."
- 481/DEL/94. Brian C. Giles, "Method of Construction Curvilinear Structures."
- 482/DEL/94. Lonsten Pty Limited, "Endocervical Probe for Pap Smear Sample Head."
- 483/DEL/94. Motorola, Inc., "Method and Apparatus for Charging a Battery."
- 484/DEL/94. Reliance Electric Industrial Company, "Brake System for Mining Conveyor and the Like."

22-04-94

- 485/DEL/94. D. K. Sharma, "A New Process to Manufacture Chakka/Shri Khand Using Skimmed Milk Curd Retentate from Ceramic/Mineral Ultrafiltration (UF)/Microfiltration (MF) Membrane Plant."

25-04-94

- 486/DEL/94. Courtaulds Fibres (Holdings) Limited, Improvements in and Relating to the Manufacture of Feedstock for a Processing Operation."
- 487/DEL/94. Courtaulds Fibres (Holdings) Limited, "Improvement in Comminuting Wood Pulp Sheetting."
- 488/DEL/94. Courtaulds Fibres (Holdings) Limited, "Filtration System."
- 489/DEL/94. Courtaulds Fibres (Holdings) Limited, Cleaning of Filters."
- 490/DEL/94. Courtaulds Fibres (Holdings) Limited, Cleaning of Spinnerette Jets."
- 491/DEL/94. Lal Chand Palta, "Manufacturing of Carbon Black Fuel Oil (A Petroleum Product)."
- 492/DEL/94. UOP, "Periodic Regeneration of a Deactivated Solid Alkylation Catalyst with Hydrogen."
- 493/DEL/94. William Lyon Sherwood, "Metallurgical Furnace Vacuum Slag Removal."
- 494/DEL/94. Schlage Lock Company, "Non-Handed, Concealed-Screw Lock Mounting Mechanism."
- 495/DEL/94. Central Institute for the DEAF, "Method for Preparation and Transplantation of Volute Grafts and Surgical Instrument Therefor."
- 496/DEL/94. Dorr-Oliver Incorporated, "Multiple Hydrocyclone Apparatus."

26-04-94

- 497/DEL/94. Courtaulds Fibres (Holdings) Limited, "Manufacture of Solvent-Spun Cellulose Fibre and Quality Control Detection Means Therefor."
- 498/DEL/94. Courtaulds Fibres (Holdings) Limited, "Manufacture of Crimped Solvent-Spun Cellulose Fibre."
- 499/DEL/94. Courtaulds Fibres (Holdings) Limited, "Manufacture of Crimped Solvent-Spun Cellulose Fibre and Quality Control Detection means Therefor."
- 500/DEL/94. The Whitaker Corporation, "Network Interface Device Module Providing Sealed Customer-Accessible Test Port."
- 501/DEL/94. Smiths Industries Public Limited Company, "Spark Plug Printing Machine." (Convention date 15th May, 1993)-U.K.
- 502/DEL/94. Howa Machinery, Ltd., "Method and Device for Winding A Roving in a Flyer Frame."

- 503/DEL/94. Motorola, Inc., "Method and Apparatus for Receiving and Processing Compressed Image Data for Presentation by an Active-Addressed Display."

- 504/DEL/94. Exxon Chemical Patents, Inc., "Compatibilized Elastomer Blends Containing Grafted Polymers of an Isosolefin and Alkylstyrene."

27-04-94

- 505/DEL/94. Sudha Akhil Bhartiya Viklang Kalyan Sansthan, "Specially Designed Traffic Police Post with Revolving Glow Sign Advertisement Board."
- 506/DEL/94. Courtaulds Fibres (Holdings) Limited, "Jet Assembly."
- 507/DEL/94. Courtaulds Fibres (Holdings) Limited, "Monitoring Concentration of Dope in Production Manufacture."
- 508/DEL/94. Courtaulds Fibres (Holdings) Limited, "Spinnerette."
- 509/DEL/94. Cegolec Metals Systems, "Improved Power Converter Device for Direct Current Power Supply to an Electric ARC Furnace."
- 510/DEL/94. Schlage Lock Company, "Non-Handed Door Latch for Passage and Privacy Functions."
- 511/DEL/94. The Torrington Company, "Variable Length Shaft Assembly."
- 512/DEL/94. The Torrington Company, "Variable Length Shaft Assembly."
- 513/DEL/94. Solvay Enzymes, Inc., "Enzyme Composition for the Treatment of Sticky Cotton Fiber and Method for the Treatment of Sticky Cotton Fiber with such Enzyme Composition."

28-04-94

- 514/DEL/94. Rajvir Singh, "Rotary Engine."
- 515/DEL/94. Courtaulds Fibres (Holdings) Limited, "Transport of Solutions of Cellulose Through Pipes."
- 516/DEL/94. Lindsey Manufacturing Company, "Integrated Electrical System."
- 517/DEL/94. CMS Gilbreth Packaging System, Inc., "Registration System for WEB Feeding."
- 518/DEL/94. Raymond D. Campbell, "Seating arrangement for Cycles and other pedal-powered contrivances." (Convention date 28th April 1993.)—Canada."
- 519/DEL/94. Orbital Engine Company, (Australia) Pty. Ltd. "Improved Fuel injected internal combustion engine." (Convention date 29th April, 1993)—Australia."
- 520/DEL/94. Raymond D. Campbell, "Shock absorbing seat support post for bicycles and other pedal-powered contrivances." (Convention date 28th April, 1993.)—Canada."

29-04-94

- 521/DEL/94. General Electric Company, "Sports lighting luminaire having low glare characteristics."
- 522/DEL/94. K-Tron Technologies, Inc., "Feeder for Dispensing flowable substances."
- 523/DEL/94. Daya Kishore Hazra and Vijay Lakshmi Lahiri, "An apparatus for producing antibodies."
- 524/DEL/94. Daya Kishore Hazra, Vijay Lakshmi Lahiri and Padma Malika Khanna, "Filters for use in syringes."
- 525/DEL/94. Daya Kishore Hazra, Vijay Lakshmi Lahiri and Padma Malika Khanna, "Filters for use in syringes."

- 526/DEL/94. Daya Kishore Hazra and Vijay Lakshmi Lahiri, "A process for producing monoclonal".
- 527/DEL/94. Daya Kishore Hazra and Vijay Lakshmi Lahiri, "A process for producing monoclonal".
- 528/DEL/94. Margaret Louise Carstairs, "Compositions. (Convention date 1st May 1993, and 17th August 1993)—U.K.
- 529/DEL/94. Terence Foster Doolan, "Building or construction Element. (Convention date 5th May 1993) Australia.
- 530/DEL/94. Paul Wurth S.A., "Device for inserting a lance into a pressurized container, in particular a blast furnace".
- 531/DEL/94. The Procter & Gamble Company, "Structuring Liquid Monionic Surfactants prior to granulation process." (Convention date 30th April 1993)—U.K.

02-05-94

- 532/DEL/94. Bharat Heavy Electricals Ltd. "System for cooling the motor of vertical blower motor unit".
- 533/DEL/94. Courtaulds Fibres (holdings) Limited. "Spinning Cell".
- 534/DEL/94. Advanced Mining Software Limited, "Double slot selective mining system".
- 535/DEL/94. Perkins Limited. "Improvements in or relating to fluid-flow control valves".
- 536/DEL/94. BP Chemicals Limited. "Substituted acylating agents." (Convention date 4th May 1993)—U.K.
- 537/DEL/94. Exxon Chemical Patents, Inc., "Lewis acid catalysts supported on porous polymer substrate".
- 538/DEL/94. Wieler Durian Anglagemechaik GMBH. "Filter Device".

03-05-94

- 539/DEL/94. Dr. Ashok Kumar Chondhury, "Process for the preparation of Milk Shake powder".
- 540/DEL/94. Motorola, Inc., "Method and apparatus for processing and subsequently displaying transmitted image data on an active-addressed display device".
- 541/DEL/94. Display Technologies Pty., Ltd. "Stereoscopic Display Unit". (Convention date 4th May 1993) Australia.
- 542/DEL/94. Motorola, Inc., "Facsimile Communication with an active addressing display device".
- 543/DEL/94. Rollainers Limited. "A Pilfer proof cap".
- 544/DEL/94. Rollainers Limited. "A carton for storage and dispensing of liquidous materials".
- 545/DEL/94. Rollainers Limited. "An apparatus for producing a spout pack or carton".
- 546/DEL/94. Central Electronics Limited. "Matched elements for use in a phased array".
- 547/DEL/94. Central Electronics Limited. "Matched elements".
- 548/DEL/94. Yudhvir Singh, "A multi purpose tie-bar-shield".

04-05-94

- 549/DEL/94. PSC Inc., "False bar code inhibitor circuit".

04-05-94

- 550/DEL/94. Laboratorios Del Dr. Esteve, S.A., "Process for the preparation of 2-[4-(4-(4-Chloro-1 Pyrazolyl) Butyl) 1-Piperazinyl] Pyrimidine (Lesopitron)".
- 551/DEL/94. Exxon Chemical Patents, Inc., "A process for reducing the air permeability of a solid rubber composition".
- 552/DEL/94. Exxon Chemical Patents, Inc., "Heterogeneous Lewis Acid-type Catalysts".
- 553/DEL/94. Jonhig Limited, "A method of writing data to non-volatile memory".
- 554/DEL/94. K. Gokul Chandra and M.M. Sharma. "A process for the preparation of 2 phenylethanol Tert-Butyl ether (Petbec)".
- 555/DEL/94. Arun Kumar Kashyap, Sabyasachi Sinharoy, Ambrish Kumar Mishra, Madan Mohan Rai and Askhilesh Kumar Bhatnagar, "Multigrade Lubricating Oil compositions containing isoprene polymers & copolymers as viscosity index improvers.

05-05-94

- 556/DEL/94. Satyendra Kumar, "Strip Lock".
- 557/DEL/94. Motorola, Inc., "Mixed-valence complex electrodes for a rechargeable electrical energy storage device".
- 558/DEL/94. Kraft General Foods, Inc., "High Molecular weight Gallotannins as a stain-inhibiting agent for food dyes".
- 559/DEL/94. Motorola, Inc., "Apparatus for adapting an electrical communications port to an optical communications port".

06-05-94

- 560/DEL/94. General Electric Company, "Sports lighting luminaire having a broken glass safety shutdown circuit".
- 561/DEL/94. Rakesh Kumar Kaushal, "An apparatus for the magnetic treatment of flowing liquids".
- 562/DEL/94. Aktiebolaget Astra, "New Compounds".
- 563/DEL/94. Albright & Wilson Limited, "Aqueous based surfactant compositions". (Convention date 7th May 1993, 14th June 1993, 13th October, 1993 5th April, 1994)—U.K.

09-05-94

- 564/DEL/94. Courtaulds Fibres (holdings) Limited, "Fibre production process". (Convention date 11th May 1993)—U.K.
- 565/DEL/94. Daya Ranjit Senanayake, "Solar Dish concentrator coupled to power generator". (Convention date 11th May 1993)—Sri Lanka.
- 566/DEL/94. Daya Ranjit Senanayake, "Energy conversion system". (Convention date 11th May 1993)—Sri Lanka.
- 567/DEL/94. The Procter & Gamble Company, "Tissue paper treated with Tri-component Biodegradable softener composition".
- 568/DEL/94. Motorola, Inc., "Method and apparatus for handset spectrum range registration".
- 569/DEL/94. Central Electronics Limited, "A portable driver testing kit".
- 570/DEL/94. Uday Gupta, "An ionizer for removal of pollutants".
- 571/DEL/94. Central Electronics Limited, "Matched elements".

572/DEL/94. The Chief Controller, R&D M/O-Defence. A process for the synthesis of silicone gel".

10-05-94

573/DEL/94. Exxon Chemical Patents, Inc., "Compatibilized blends containing halogenated copolymers of isobutylene and para-Methyl styrene and carboxy modified elastomers".

574/DEL/94. SRP Industries Ltd. "Process for producing Thermoplastic products having oriented components".

575/DEL/94. Morgan construction company, "Interlocked seal and sleeve for rolling mill oil film bearing".

576/DEL/94. The Procter & Gamble Company, "Container for fluids". (Convention date 18th May 1993)—U.K.

11-05-94

577/DEL/94. Naagalwala Auto Manufacturing Pvt. Ltd. "A battery terminal device".

578/DEL/94. UOP, "Multimetallic and multigradient reforming catalyst for converting paraffins to aromatics".

579/DEL/94. Motorola, Inc., "A method and apparatus for determining signal usability".

580/DEL/94. HWA Lin Electronic Co., Ltd., "Programmable phase locked loop frequency synthesizer UHF modulator".

581/DEL/94. Kalamazoo Public Limited Company, "Identification cards, membership cards, and the like".

582/DEL/94. Pont-A-Mousson S.A., "Device for feeding a casting machine with molten metal, especially cast iron, and casting installation integrating this feed device".

12-05-94

583/DEL/94. FA, Domaga, Holder: Magda Dokoupileva, "Procedures and device to put on fluid on leather surface or other flat material".

584/DEL/94. Rohm and Haas Company, "Process for preparation of Iodopropargyl Carbamates".

585/DEL/94. Rohm and Haas Company, "A thickening composition for aqueous system".

586/DEL/94. Frantsevich Institute for problems of material Science", Titanium matrix composites".

587/DEL/94. GEC Alsthom T & D SA., "A capacitor having high stability with temperature".

13-05-94

588/DEL/94. Ranbaxy Laboratories Limited, "Process for the manufacture of a pharmaceutical grade ranitidine base".

589/DEL/94. Ranbaxy Laboratories Limited, "Process for the manufacture of form I ranitidine hydrochloride".

590/DEL/94. Ambarish Katara, "A residual current, excessive current and No-volt operated electronic circuit breaker or 'electroguard'".

591/DEL/94. Telefonaktiebolaget L M Ericsson, "Dynamic control of transmitting power at a transmitter and attenuation at a receiver".

592/DEL/94. Council of Scientific and Industrial Research, "A process for the isolation of a novel boswellic acid from the gum resin of the plant boswellia serrata".

593/DEL/94. Council of Scientific and Industrial Research, "A process for the isolation of a fraction containing a mixture of boswellic acids comprising mainly

6 triterpenic acids namely B-boswellic acid (3X-Hydroxy URS -12-ENE -24-DIC acid) derivatives".

594/DEL/94. De Beers Industrial Diamond Division (proprietary) Limited". Polishing Tool Component". (Convention date 14th May 1993)—U.K.

595/DEL/94. Societe De Conseils De Recherches et D'applications scientifiques (S.C.R.A.S.), "Process for the preparation of microballs and microballs thus obtained". (Convention date 15th May 1993)—U.K.

16-5-94

596/DEL/94. Sir Padampat Research Centre, "An Improved process for the manufacture of alkyd resin from polyester waste".

597/DEL/94. Motorola, Inc., "A Method and apparatus for mitigating distortion effects in the determination of signal, usability".

598/DEL/94. Bernd kosa, and harald marhold, "Process for the recovery of the metallic phase from dispersed mixtures of light metals and non-metallic Components."

599/DEL/94. Alliedsignal europe services techniques, "Pneumatic Control device with reduced load."

600/DEL/94. Duracell Inc. "Cathode Additive."

601/DEL/94. Rohm and haas Company, "Process for Controlling adsorption of polymeric latex on titanium dioxide."

17-05-94

602/DEL/94. Professor Sujoy Kumar Guha, "and Dr. Ganpat Lal Jain," Infection and bleeding Preventing Intrauterine Contraceptive device."

603/DEL/94. Solvay, "Process and device for discharging a Reactor."

604/DEL/94. Alcan International Limited, "Improved pressure Decanter."

605/DEL/94. Amoco Corporation, "Structure for use in Producing Semi-conductor Devices with Buried Contacts and Method for its Preparation."

18-05-94

606/DEL/94. BP Chemicals Limited, "Polymerisation Process, "(Convention date 20th May, 1993 and 20th May, 1993)—U. K.

607/DEL/94. Motorola, Inc., "Battery Latch."

608/DEL/94. Allied Signal Inc., "Azeotrope-like Compositions of Trifluoromethane and carbon dioxide or Hexafluoroethane and carbon Dioxide."

609/DEL/94. Motorola, Inc., "Apparatus for Improving Perceived Quality of a Stored voice message in a Communication Receiver."

610/DEL/94. Motorola, Inc., "Battery type detector for Determining which type of Battery is coupled to a Battery Charger."

19-05-94

611/DEL/94. Paul Stephen Alexander, "An Amphibian Motor Cycle."

612/DEL/94. The Procter & Gamble Company, "Absorbent Article Having Tucked Flaps."

613/DEL/94. The Procter & Gamble Company, "Absorbent Article Having a Unitary Release Material Joined to each side flap."

614/DEL/94. The Procter & Gamble Company, "Bleaching Compositions Comprising N-ACYL Caprolactam Activators."

615/DEL/94. Procter & Gamble Company, "Bleaching Compounds Comprising peroxyacid activators used with Enzymes."

616/DEL/94. Roberto F. B. Schlottmann, "Device for Separating oils, fats and the like."

617/DEL/94. Institute Armand-Frappier, "Production of Cellulose, Silica, lignin and prote in-rich food from rice straw."

618/DEL/94. L'Air Liquide, societe anonyme pour L'Etude Et L'Exploitation des procedes georges claud, "Process and unit for Supplying a gas under pressure to an Installation that consumes a constituent of Air."

619/DEL/94. L'Air Liquide, Societe Anonyme pour L'Etude et L'Exploitation des procedes georges claud, "Melting gurnace with gas Injection."

620/DEL/94. Pfizer Inc., "Apparatus for mixing and detecting online Homogeneity."

20-05-94

621/DEL/94. Council of Scientific and Industrial Research, "A Process for the Preparation of A novel acrylic Copolymer Emulsion as Filler/Pigment binder for finishing chrome retanned cow crust leather for Uppers."

622/DEL/94. Council of Scientific and Industrial Research, "A New fire retardant Composition with high Expansion Properties, which can be used for compact filling of voids by remote or direct filling, particularly in mines under fire/water logged."

623/DEL/94. Council of Scientific and Industrial Research, "An Improved Process for Producing Jacquard board useful for Textile weaving and a Jacquard board made thereby."

624/DEL/94. Council of Scientific and Industrial Research, "A Process for the Preparation of an Improved Supported Catalyst, Containing nickel and cobalt, with or without noble metals, useful for the oxidative Conversion of Methane, natural gas and biogas to syngas."

625/DEL/94. Council of Scientific and Industrial Research, "A Process for the Preparation of Polymer containing metal Composites and Components."

20-05-94

626/DEL/94. Council of Scientific and Industrial Research, "A Process for the preparation of Polymer Containing Ceramic Composites and Components."

627/DEL/94. Council of Scientific and Industrial Research, "An Improved Process for the Preparation of Asphaltic paper Board useful as low cost flooring and for other purposes and Improved asphaltic paper Boards prepared thereby."

628/DEL/94. Council of Scientific and Industrial Research, "An Improved Process for the preparation of cyclized CIS-1, 4-Poly (Isoprene)."

629/DEL/94. Council of Scientific and Industrial Research, "An Improved Process for the Preparation of Novel Partially staplized with High surface area useful in oxidation reactions."

630/DEL/94. Council of Scientific and Industrial Research, "A Direct reading device for measuring the plastic characteristics of coal."

631/DEL/94. Council of Scientific and Industrial Research, "An Improved steel Arch useful for withstanding the effects of rockburst occurring in underground mines/tunnels."

632/DEL/94. Council of Scientific and Industrial Research, "A Process for the catalytic conversion of methane or natural gas to syngas."

633/DEL/94. Council of Scientific and Industrial Research, "An Improved Electrochemical Process for the preparation of Conducting Polyhetrocycles Blends."

634/DEL/94. Council of Scientific and Industrial Research, "An Improved Process for the preparation of methyl (3,5 Di-Tert-Butyl-4 Hydroxy phenyl) propionate."

635/DEL/94. Council of Scientific and Industrial Research, "A Device for Automatic time compaision using passive TV Technique."

636/DEL/94. Council of Scientific and Industrial Research, "An Improved Process for the preparation of mica paper and mica paper prepared thereby."

637/DEL/94. Council of Scientific and Industrial Research, "A Process for new, natural and environmentally safe biopesticide Formulation for take defoliator and some other insects."

638/DEL/94. Council of Scientific and Industrial Research, "An Improved Process for the production of enriched spice oleoresins, particularly turmeric and pepper oleoresins."

639/DEL/94. Council of Scientific and Industrial Research, "A Process for the isolation of a fraction having adaptogenic activity from the plant withania somnifera."

20-05-94

640/DEL/94. Council of Scientific and Industrial Research, "A Process for the isolation of a fraction having Immunomodulatory activity from the plant withania somnifera."

641/DEL/94. Council of Scientific and Industrial Research, "A Composition for the production of pen V acylase."

642/DEL/94. Council of Scientific and Industrial Research, "An Improved process for the preparation of surface modified semiconducting metal oxides useful for gas sensors."

643/DEL/94. Council of Scientific and Industrial Research, "A Mechanical system for harnessing wave energy."

644/DEL/94. Vittorio De Zen, "Thermoplastic structural components and structures formed therefrom." (Convention date 28th May, 1993)-Canada.

645/DEL/94. Solvay, "Catalyst Support and Catalyst for the polymerization of X-olefins, process for obtaining them and polymerization of X-Olefins in presence of the Catalyst."

23-05-94

646/DEL/94. L. N. Gadodia & Son Pvt. Ltd., "Process of dyeing Cotton Fabrics with Vegetable Dyes."

647/DEL/94. Padopath Limited, "Arylating Agents." (Convention date 11th May, 1993 and 17th March, 1994)-U.K.

648/DEL/94. Jos. L. Meyer Gmbh & Co., "Plate Element."

649/DEL/94. The Whitaker Corporation, "Vibration proof Electrical Connector," (Convention date 28th Aug, 1993) 29th June, 1993)-U.K.

650/DEL/94. The Whitaker Corporation, "Connector Assembly."

651/DEL/94. Platipus Anchors Limited, "Improvements in Ground Anchors." (Convention date 3rd November, 1993 and 18th May, 1994)-U. K.

652/DEL/94. Platipus Anchors Limited, "Improvements in Ground Anchors." (Convention date 3rd November, 1993 and 18th May, 1994)-U. K.

24-05-94

- 653/DEL/94. Rollatainers Limited, "A Process for Producing Storage Packs."
- 654/DEL/94. Rollatainers Limited, "A Pack for Storage and Dispensing of particulate and liquidous material."
- 655/DEL/94. S. Sriramachari, "Photomicrography."
- 656/DEL/94. C. Lal Electrical & Mechanical, "A Multipurpose bowl."
- 657/DEL/94. Procter & Gamble Company, "Method for producing a natural citrus pulp thickener stabilizer and cloud Agent for beverages."

24-05-94

- 658/DEL/94. Uop, "Sulfur Tolerant Reforming Catalyst system containing a sulfur-sensitive Ingredient."
- 659/DEL/94. Manfred Brummert, "An Instrument (Laryngoscope) for exposing the throat area of a patient."
- 660/DEL/94. Motorola, Inc., "Paging system with voice Recognition."
- 661/DEL/94. Ohizumi Mfg. Co., Ltd., "Exothermic device for different electric sources."
- 662/DEL/94. The Whitaker Corporation, "Multiconductor cable and wire harness using same."

26-05-94

- 663/DEL/94. Mohander Tyre Resole, "Process of Retreading Different Sizes of rear Tyres of Tractors."
- 664/DEL/94. The Whitaker Corporation, "Cable Management system with user line testing utilizing remote active outlet."
- 665/DEL/94. Joseph Clement Brodeur Vicko M. Von Ste dingk. Marke. Siemens "Earth Drains." (Convention date 11th June, 1993)-Canada.
- 666/DEL/94. The Gillette Company, "Method of Coating Cutting Edges." (Convention date 28th May, 1993)-U. K.
- 667/DEL/94. Warman International Limited, "Improvements in or relating to Pumps." (Convention date 4th June, 1993 and 1st February, 1994)-Australia.

27-05-94

- 668/DEL/94. Goldstar Co., "Method for Detecting Freeze of a cooling/Heating air Conditioner."
- 669/DEL/94. The Gillette Company, "Correction Fluid for Waterfast Inks."
- 670/DEL/94. Zeneca Limited, "Preparation and use of Halogenated Alcohols." (Convention date 28th May, 1993)-U. K.
- 671/DEL/94. Zeneca Limited, "Preparation of Cyclopropane Esters." (Convention date 28th May, 1993)-U. K.
- 672/DEL/94. Duracell Inc., "Method of Preparing Current Collectors for Electrochemical cells." (Convention date 2nd June, 1993)-U. K.
- 673/DEL/94. The University of Warwick, "Electric Motor Drive." (Convention date 29th May, 1993)-U. K.

30-05-94

- 674/DEL/94. Voest-Alpine Industrieanlagenbau GmbH, "Converter for the production of Steel."
- 675/DEL/94. Krupp Polysius Ag., "Tilttable Supporting Roller bearing."
- 676/DEL/94. Voest-Alpine Industrieanlagenbau GmbH, "A Method of producing cold-moulded Iron-Containing briquettes."

- 677/DEL/94. Yoshiki Industrial Co., Ltd., "Apparatus for Mutual Conversion between circular motion and reciprocal motion."

- 678/DEL/94. Indian Institute of Technology, "A Short Removal method."

31-05-94

- 679/DEL/94. Acci Limited, "A Method of making an Insecticidal composition."
- 680/DEL/94. CMS Gilbreth Packaging Systems, Inc., "Apparatus and method for Controlling Tension and stopping action of web material."
- 681/DEL/94. Motorola, Inc., "Expended Microcomputer system for Controlling radio frequency Interference."
- 682/DEL/94. L'Air Liquide, Societe Anonyme pour L'Etude et L'Exploitation des procedes georges claudes."
- 683/DEL/94. Motorola, Inc., "Re-Chargable Battery cell having Integral vibrating means."

01-06-94

- 684/DEL/94. The Whitaker Corporation, "Reflective mode ultrasonic touch sensitive switch".
- 685/DEL/94. The Whitaker Corporation, "Cartridge for explosively operated industrial tools".
- 686/DEL/94. Exxon Chemical Patents, Inc., "Novel polyolefin fibers and their fabrics".

02-06-94

- 687/DEL/94. Elymer Havell's Electrics, "Qimot Rai Gupta, Ajesh Gupta, Sangeeta Gupta and Santosh Gupta", unidirectional cyclometric counter for electric meter".
- 688/DEL/94. Council of Scientific and Industrial Research, "An improved process for the manufacture of syntan having limited degree of sulfonation".
- 689/DEL/94. Council of Scientific and Industrial Research, "A process for hydrothermal preparation of high purity potassium silicate from rice husk ash".
- 690/DEL/94. Council of Scientific and Industrial Research, "An improved hip joint prosthesis".
- 691/DEL/94. Council of Scientific and Industrial Research, "A process for manufacture of lightweight sintered aggregate from Indian Coal Ash and other solid wastes using solid fuel by down draft sintering (DDS) process".
- 692/DEL/94. Council of Scientific and Industrial Research, "A new process to make impregnating type electrode pitch from petroleum feed stocks".
- 693/DEL/94. Council of Scientific and Industrial Research, "A process for the synthesis of hydroxyapatite powder for biomedical application".
- 694/DEL/94. Council of Scientific and Industrial Research, "A process for the preparation of intracellular enzymes".
- 695/DEL/94. Council of Scientific and Industrial Research, "An improved process for preparation of cellulose cement composite useful in production of building materials and components for interior use and cellulose cement composite building materials and components produced thereby".
- 696/DEL/94. Council of Scientific and Industrial Research, "An improved process for the incorporation of flavour into fried crisps/chips".
- 697/DEL/94. Council of Scientific and Industrial Research, "A catalyst formulation for the desulphurization of gas streams containing hydrogen sulphide".

with simultaneous production of sulphur in liquid phase".

02-06-94

698/DEL/94. Council of Scientific & Industrial Research, and Cochin refineries, "A process for conversion of H₂S to elemental sulphur in liquid phase using an improved metal chelate composition".

699/DEL/94. Council of Scientific and Industrial Research, "An improved process for the preparation of pyridine and pyridine derivatives from ethanol".

700/DEL/94. Council of Scientific & Industrial Research, "A honey processing plant with moisture reduction system".

701/DEL/94. Council of Scientific and Industrial Research, "An improved process for the catalytic hydrogenation of organic compounds".

702/DEL/94. Council of Scientific and Industrial Research, "An improved process for the preparation of titanium silicates".

703/DEL/94. Council of Scientific & Industrial Research, "An improved process for the synthesis of pyridine and picolines over modified ZSM-5 and silica-alumina catalysts".

704/DEL/94. Council of Scientific & Industrial Research, "An improved process for the preparation of N-methylpiperazine from diethanolamine and methylamine over zeolite catalysts".

705/DEL/94. Council of Scientific & Industrial Research, "A process for the production of extracellular endoxylanase active at high alkaline pH from an alkalotolerant fungal strain cephalosporium".

706/DEL/94. Council of Scientific and Industrial Research, "A new composition useful for hot rolling of steel".

707/DEL/94. Council of Scientific & Industrial Research, "A process for the preparation of intracellular enzymes for catalysis".

708/DEL/94. Scambia Industrial Developments Aktiengesellschaft, "Catalytic converter for the catalytic treatment of exhaust gas".

709/DEL/94. The Standard Oil Company, "Endothermic reaction apparatus and method".

03-06-94

710/DEL/94. Lucky Ltd., "Process for preparing cephalosporin compounds from reactive organic acid derivatives".

711/DEL/94. The Procter & Gamble Company, "Absorbent articles providing sustained dynamic fit".

712/DEL/94. The Procter & Gamble Company, "Absorbent articles having Z-folded barrier cuffs providing improved fit and containment".

713/DEL/94. The Procter & Gamble Company, "Waterless self-emulsifiable chemical softening composition useful in fibrous cellulosic materials".

03-06-94

714/DEL/94. Procter & Gamble Company, "Waterless self-emulsifiable biodegradable chemical softening composition useful in fibrous cellulosic materials".

715/DEL/94. The Procter & Gamble Company, "Conditioning shampoos containing polyvalent metal cations".

716/DEL/94. The Procter & Gamble Company, "A process for manufacturing a fastening system".

717/DEL/94. Glaverbel and Fosbel International Ltd., "A ceramic welding powder for use in a ceramic welding process". (Convention date 25th July 1989)—U.K.

06-06-94

718/DEL/94. Whirlpool Corporation, "A drive system for an automatic washer".

719/DEL/94. The Procter & Gamble Company, "Protease compatible with lipase in dry, concentrated bleach compositions". (Convention date 7th June 1993)—U.K.

720/DEL/94. The Torrington Company Limited, "Collapsible steering column assembly". (Convention date 23rd June 1993 and 21st January 1994)—U.K.

721/DEL/94. Motorola, Inc., "Radio frequency amplifier with variable gain control".

07-06-94

722/DEL/94. Piaggio Veicoli Europei S.P.A., "Drive pulley unit in pedal vehicles with stepless transmission comprising an automatic device for facilitating starting".

723/DEL/94. Rakesh Kumar Kaushal, "An apparatus for the magnetic treatment of flowing liquids".

724/DEL/94. Donald Clive Hiscock, "A transmission".

725/DEL/94. Teichi Murase and Sachio Murase, "A Yarning Machine".

726/DEL/94. Stamet, Inc., "Grooved Disk drive apparatus and method for transporting and metering particulate material".

727/DEL/94. Daicel Chemical Industries, Ltd., "Process for producing highly purified acetic acid".

08-06-94

728/DEL/94. The Procter & Gamble Company, "Laundry detergent bars containing fabric softening clay".

729/DEL/94. Arshi Ilyas, "A seat".

730/DEL/94. Zeneca Limited, "Chemical process". (Convention date 8th July 1993)—U.K.

731/DEL/94. Pirelli Cavi S.P.A., "Hydrogen-Absorbing composition for optical fiber cables and optical fiber cables incorporating such composition".

732/DEL/94. Yee Kong Ng. and Royjack Mankovitz, "Method for encrypting and embedding information in a video program".

08-06-94

733/DEL/94. Imperial Chemical Industries Plc, "Paint containing white opacifier". (Convention date 22nd June, 1993 and 2nd June 1993)—U.K.

734/DEL/94. Meng-Chang Lee, "Tire puncture repair device".

09-06-94

735/DEL/94. Il-Yang Pharm. Co. Ltd., and Hun Taeg Chung "Antisense Oligodeoxynucleotide to fibrogenic cytokines and use thereof".

736/DEL/94. Prabhat Agarwal and Ashutosh Roy, "Non-real time. Multimedia messages and communication systems".

737/DEL/94. Novatech, Inc., "Body care compositions, method of using same, and method of generating a relatively stable aqueous suspension of colloidal silica for use therein".

738/Del/94. The IDOD Trust. "Method of forming Seamed Metal Tube." (Convention date 26th May, 1994)—Australia.

739/Del/94. Motorola, Inc., "Trunked communication system with automatic repeater talk-around."

740/Del/94. Motorola, Inc., "Method and apparatus for dynamically charging a battery."

741/Del/94. The Standard Oil Company, "Nonwoven fabrics from high nitrile copolymers."

742/Del/94. Simco Industries. "Bullock-harvester."

10th June 1994

743/Del/94. GEC Olsthom T & SA, "Device for supplying a voltage to an electronic circuit, in particular an electronic circuit associated with a current sensor disposed on an electrical line."

744/Del/94. Lenzing Aktiengesellschaft, "Cellulose Fibres."

13th June 1994

745/Del/94. Showa Denko K.K. "Flourination catalyst and flourination process."

746/Del/94. Rohm and Hass Company, "Method for decreasing drying time."

747/Del/94. Basf Lacke+Farben Aktiengesellschaft, "Power coating process for the exterior coating of metal pipes, and use of the powder coating for the one-layer exterior coating of metal pipes."

748/Del/94. BP Chemicals Limited, process for the carbonylation of methanol or a reactive derivative thereof."

(Convention date 30th June, 1993 and 14th April, 1994)—U. K.

14th June 1994

749/Del/94. Alliedsignal Inc., "A machine for making sets of magnetic ribbons for use in distribution transformer cores."

750/Del/94 Lenzing Aktiengesellschaft, "Spinneret."

751/Del/94. Lenzing Aktiengesellschaft, "Process for the preparation of cellulose fibres and a device for carrying out the process."

752/Del/94. The Torrington Company. "Thrust bearing assembly."

753/Del/94. The Lubrizol Corporation, "A lubricating oil composition."

15th June 1994

754/Del/94. Alliedsignal Inc., "Azeotrope-like compositions to tetrafluoroethane and ammonia."

755/Del/94. Sound Pipe Inc., "Applying linings to pipelines and passage ways." (Convention date 5th July, 1993)—U.K.

756/Del/94. Standyne Automotive Corp., "Rotary distributor type full injection pump."

16th June 1994

757/Del/94 Council of Scientific and Industrial Research. "An improved process for the production of high density monolethic graphite from Meso Carbon Microbeeds."

758/Del/94. Council of Scientific and Industrial Research. An improved process for the catalytic hydroformylation or alkanes."

759/Del/94. The procter & Gamble Company, "Cosmetic compositions comprising certain chelating agents."

3—287 GI/91

760/Del/94. The procter & Gamble Company, "Personal cleansing system comprising a polymeric Diamondmesh bath sponge and a liquid cleanser with moisturizer."

761/Del/94. Motorola, Inc. "Method and apparatus for transferring a radiotelephone call from one coverage area to another."

762/Del/94. Rittal-Werk Rudolf Loh GmbH & Co., KG., "Framework of frame arms for a switchgear Cabinet."

763/Del/94. Motorola, Inc. and In Focus Systems Inc., "Real time active addressing display device and Method utilizing fast walsh transform circuit."

17th June 1994

764/Del/94. TSL Group LPC, "Improvements in vitreous silica manufacture." (Convention date 18th June, 1993)—U.K.

765/Del/94. Courtaulds Fibres (Holdings) Limited, "Fabric treatment." (Convention date 24th June, 1993)—U.K. Con. dt.)

766/Del/94. NBE FOOD Systems (P) Ltd., "An improvement in or relating to banking oven for bakery."

767/Del/94 University of Delhi South Campus and secretary Deptt. of Biotechnology. "Monoclonal antibodies agents GHIP and GVHIP of bacterio phage M13" and a process for their preparation."

768/Del/94. Ashok Kumar Rai, "A mini animal driven electric generating device."

769/Del/94. Richa Sagar, Rakesh Kumar Tyagi and Kasturi Datts, "A process for preparation of a highly sensitive stain for protein detection in western blot and polyacrylamide gel." from Dried Henna Lead Powder.

770/Del/94. Shell Internationale Research Maatschappij B.V., process for the production of aluminium hydroxide from bauxite." (Convention date 21st March, 1989)—U.K.

COMPLETE SPECIFICATION ACCEPTED

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि को उक्त 4 महीने की अवधि को समाप्त के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।”

स्पांकरन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के मामले में निम्न यणित चित्र आरेख कामजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 102B [XXIX(1)]

174211

Int. Cl. : F 16 H, 5/00, 47/00.

COMPOUNDHYDROMECHANICAL TORQUE CONVERTER FOR TRANSMITTING MECHANICAL POWER IN VEHICLES”

Inventor : THORALI MUNISWAMY KRISHNA RAO.

Applicant : BHARAT HEAVY ELECTRICALS LIMITED, 18-20 KASTURBA GANDHI MARG, NEW DELHI-110 001, INDIA.

Application for Patent No. 627/Del/86 filed on July 14, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patents Office Branch, New Delhi-110 005.

10 Claims

A compound hydromechanical torque converter for transmitting mechanical power in vehicles comprising a three member hydraulic torque converter and gearing system, the stator of the hydraulic torque converter being connected to the output shaft through the gearing system to constitute a contra rotating complementary turbine, the turbine of the

hydraulic torque converter being directly connected to the output shaft serving as main turbine.

Compl. Specn. 37 pages.

Drgs. 6 sheets.

Ind. Cl. : 175 G [XLV (3)]

174212

Int. Cl. : F01C 1/00

A ROTARY EXTERNAL COMBUSTION ENGINE.

Applicant : JACK VICTOR EDLING, A US CITIZEN, OF 2116 CAMINO DRIVE, ESCONDIDO, CALIFORNIA 92026, UNITED STATES OF AMERICA.

Inventor : JACK VICTOR EDLING

Application No. 739/DEL/88 filed on 30-08-88.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office Branch New Delhi-5.

10 Claims

A rotary external combustion engine (10) comprising :

a housing having at least one pair of side by side vertically displaced annular chambers (20, 22);

a pair of piston assemblies (26, 28), one of the said pair located in each of said annular chambers (20, 22), each of said piston assemblies comprising a pair of pistons, (3) a shaft (25) extending through said annular chambers characterised in that each of the said pistons (30) having a working surface (92) located 180 degrees apart, said piston (30) conform to said annular chambers and rotate relative thereto, the said shaft (25) is tubular and carried by said pistons, said shaft (25) is fixedly connected to said piston assemblies (26, 28) and one of the said piston assemblies (26, 28) being displaced 90 Degrees from the pistons (30) of the other piston assembly;

said annular chamber is provided with (76A—76D) a plurality of discrete troughs located circumferentially on the inner central wall of said annular chamber (20, 22) remote from the horizontal center line thereof at two locations in each of said annular chambers (20, 22), said two locations being substantially 180 degrees apart, each of said discrete troughs (76A—76D) at each of said locations are of a different cross sectional area and the leading edges of the first trough encountered by both pistons of each piston assembly (26, 28) and the trailing edges of the last of said plurality of discrete troughs (76A-76D) are substantially 180 degrees apart;

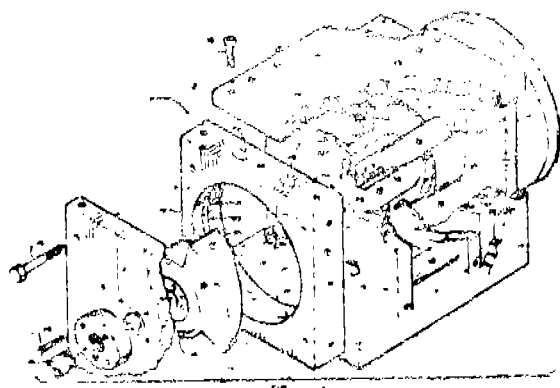
the open distal end of the hollow portion of said shaft being communicated by an external source of working fluid under pressure.

passage means (64) for directing said working fluid under pressure from said hollow portion to the outer central portion of each of said pistons (30) of said piston assemblies (26, 28) at a discrete location in circumferential alignment with said discrete troughs;

a pair of translatable shuttle valves (38) for simultaneous translation between a position blocking one annular chamber (20, 22) to a position blocking the other annular chamber (20, 22) are located between the end walls of said annular chambers (20, 22), said shuttle valves (38) are provided with a control means (37), being interconnected to said working fluid under pressure from the discrete location on said pistons when said pistons (30) of one of said annular chambers (20, 22) are at a specific rotational location whereby said working fluid causes said pair of shuttle valves (38) blocking that annular chamber (20, 22) to translate to a position blocking the other annular chamber (20, 22);

an opening (32) in each of said annular chamber (20, 22) in said two locations substantially 180 degrees apart for exhausting spent working fluid from said annular chambers (20, 22) when said shuttle valves (38) are translated from an annular chamber (20, 22); and

an output power connection means (72) located on the end of said shaft remote from hollow distal end (62).



Comp. specn. 20 pages

Drg. 2 sheets

Ind. Cl. : 195 C, D[XXIX (3)]

174213

Int. Cl.⁴ : F 17 C 13/00, 13/08, 13/12

"A VALVE-REGULATOR ASSEMBLY".

Applicant : UNION CARBIDE CORPORATION A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, LOCATED AT: OLD RIDGEBURY ROAD, DANBURY STATE OF CONNECTICUT 06817, UNITED STATES OF AMERICA.

Inventor : 1. FRANCIS EDWIN PRITCHARD 2. VINCENT JOHN KIBLER

Application No. : 792/DEL/88 filed on 20-09-88.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office Branch New Delhi-5.

Claims 03

A valve-regulator assembly for rendering a high pressure gas source compatible with lower pressure user equipment and comprising :

a valve body (21) having a main conduit (22) flow connected with a high pressure source; and

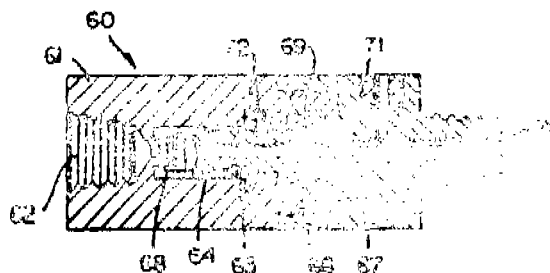
a lower pressure burst disc assembly (31) connected between a lower pressure outlet (30) and the external surface of the valve body;

Characterised by

a high pressure outlet (23) extending to the external surface of the valve body and in direct flow connection with said main conduit (22) and thus with the high pressure source;

a regulator (24) in direct flow connection with said main conduit (22), said regulator (24) comprising a spring-loaded piston (25), a sensing chamber (27) at one end of the piston, (22) a sealing plug (28) at the other end of the piston (25), and a passage (21) communicating between said lower pressure outlet (30) and the sensing chamber (27); and

said lower pressure outlet (30) being in flow communication on with said main conduit (22) downstream of said regulator (24).



Comp. Specn. 17 Pages

Drgns. 03 sheet

Ind. Cl. : 85 R XXXI

174214

Int. Cl.⁴ : F 27 B 1/00, 1/20

"DEVICE FOR INJECTING PREHEATED AIR INTO A SHAFT FURNACE"

Applicant : PAUL WURTH S. A., A COMPANY ORGANISED UNDER THE LAWS OF LUXEMBOURG OF 32, rue D'ALSACE, C-1122 LUXEMBOURG, GRANDDUCHY OF LUXEMBOURG.

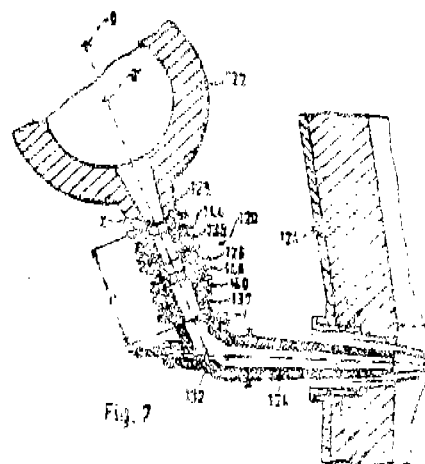
Inventor : 1. MAILLET PIERRE 2. LONARDI EMILE 3. WHAL GEORGES.

Application No. 795/DEL/88 filed on 21-09-88.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office Branch New Delhi-5.

Claims 09

Device for injecting preheated air into a shaft furnace, said device composed of several parts each having an outer casing and an inner refractory lining and comprising at least one central tubular element (126) connected, on one side, by means of a first compensator (144) to a first pipe connection (128) fixed to a circular preheated-air supply pipeline (122) surrounding the furnace and, on the opposite side, by means of a second compensator (146) to a second pipe connection (130) which is extended by an elbow (132) and a tuyere (134), said tuyere (134) being articulated relative to the wall (124) of the furnace characterised in that said central tubular element (126) comprises two concave opposite end surfaces, forming with adjacent convex end surfaces of the first pipe connection (128) and of the second pipe connection (130) respectively a first ball-and-socket joint (138) and a second ball-and-socket joint (140), which concave end surfaces are oriented in opposite directions and in that it also comprises at least one pair of ties (152, 154) connecting the first pipe connection (128) to the second pipe connection (130) by articulated means.



Comp. Specn. 13

Drawing 07

Ind. Cl. : H16 F.

174215

Int. Cl.⁴ : B 66 B, 13/06.

"DEVICE FOR SUSPENDING AND GUIDING A HORIZONTALLY SLIDING DOOR PANEL."

Applicant : VERTRAN MANUFACTURING COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF FLORIDA, UNITED STATES OF AMERICA, OF 1761 WEST HILLSBORO BOULEVARD, SUITE 201, DEERFIELD BEACH, FLORIDA 33441, UNITED STATES OF AMERICA.

Inventors : NICKOLAS RIBAUDO.

Application for Patent No. 920/DEL/88 filed on 25 Oct 1988.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office Branch New Delhi-5.

Claims 6

A device for suspending and guiding a horizontally sliding door panel (101) comprising

a door hanger (120),

a hanger sheave (132) rotatably mounted on said door hanger (120) with an axle, (135).

an upthrust roller (140) rotatably mounted on said door hanger (120) below said axle (135) with a shaft (145), and

a horizontal track (150) having an exterior portion, the exterior portion having a first upper surface (151) below said hanger sheave (132) for rolling said hanger sheave (132) thereupon, said first upper surface (151) constituting first rolling surface; said interior portion having a second upper surface (152) above said upthrust roller for rolling (140) said upthrust roller (140) along said surface, wherein said second upper surface constituting a second rolling surface.

characterised in that said interior portion of said track (150) has a lower surface below said upthrust roller (140) for rolling said upthrust roller along said lower surface in the event of failure of said hanger sheave (132) said lower surface being third rolling surface.

Comp. Spec. 16 Pages

Drwgs. sheet 2

Ind. Cl. : 32 IX (1)

174216

Int. Cl.⁴ : C 08 F, 120/18.

"A PROCESS FOR PREPARING THERMOPLASTIC COPOLYMERS CONTAINING RESIDUES OF GLUTARIC ANHYDRIDE AND (METH) ACRYLIC ESTER."

Applicant : ROHM AND HAAS COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF INDEPENDENCE MALL, WEST, PHILADELPHIA, PENNSYLVANIA 19105, UNITED STATES OF AMERICA.

Inventor : 1. MISHEL PAUL HALIDEN ABBERTON, 2. ROBERT STEWART WOOD, 3. LESLIE ALAN COHEN.

Application No. 1011/DEL/88. filed on 22 Nov. 1988.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office Branch New Delhi-5.

Claims 09

1. A process of preparing thermoplastic copolymers containing residues of glutaric anhydride and (meth) acrylic ester which comprises reacting a (meth) acrylic ester polymer with a secondary amine such as herein described at from 150° to 400°C and recovering said copolymers in a manner known per se.

Comp. Spenc. 24 Pages

Drg. 2 sheets

Ind. Cl. : 140 A 2

174217

Int. Cl.⁴ : C 10 M 105 02, 105/22

"A GEAR OIL COMPOSITION"

Applicant : THE LUBRIZOL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventor : CRAIG DANIEL TIPTON

Application No. 1032/DEL/88 filed on 28-11-88.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office Branch New Delhi-5.

Claims 05

A gear oil composition comprising :

a base oil having a viscosity at 40°C of 40cSt or more from 0.1 to 3% by weight of one more overbased carboxylate of the kind such as herein described and

from 0.5 to 10% by weight of a sulfurized olefin of the kind such as herein described.

Comp Specn. 26 pges

Drgs. Nil

Ind. Cl. : 40 B IV (1)

174218

Int. Cl.⁴ : C07F, 17/00

METHOD FOR PREPARING A SUPPORTED METALLOCENEALUMOXANE CATALYST FOR GAS PHASE POLYMERIZATION.

Applicant : EXXON CHEMICAL PATENTS, INC., A CORPORATION OF DELAWARE, UNITED STATES OF AMERICA, CARRYING ON BUSINESS AS A COMPANY FOR THE HOLDING OF PATENTS AND GRANTING LICENSES THEREUNDER, AND TECHNICAL DEVELOPMENT & RESEARCH WORK AT 1900 EAST LINDEN AVENUE, LINDEN, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor : MAIN CHANG

Application No. 1035/DEL/88 filed on 28-11-88.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office Branch New Delhi-5.

Claims

A process for preparing a supported metallocene alumoxane catalyst for gas phase polymerization of olefins said process comprising the steps of :

(a) adding undehydrated silica gel having a water content of from 6 to 10 weight percent to a stirred solution of an aluminium trialkyl in an amount sufficient to provide a mole ratio of aluminium trialkyl to water of from 3 : 1 to 1 : 2 and allowing the mixture to react;

(b) adding a metallocene such as herein described to the reacted mixture in an amount such that the mole ratio of aluminum to transition metal in said metallocene is from 1000 : 1 to 1 : 1;

(c) removing in a suitable manner the solvent;

(d) drying in a suitable manner the solids to a free flowing powder.

Comp. Spen. 22 Pages

Drgs. Nil

Ind. Cl. : 35 B.

174219

Int. Cl.⁴ : C 04 B 7/147.

"HYDRAULIC CEMENT COMPOSITION AND A METHOD FOR PRODUCING THE SAME."

Applicant : LONE STAR INDUSTRIES, INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF ONE GREENWICH PLAZA, GREENWICH, CONNECTICUT 06830, UNITED STATES OF AMERICA.

Inventor : 1. GRAVITI BILLY BOB. 2. HEITZMANN, RICHARD FRANK 3. SWAYAR JAMES LINWOOD.

Application No. : 1046/DEL/88. filed on 29-11-88.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office Branch New Delhi-5.

Claims 16

1. A hydraulic cement composition comprising, by weight; from 90 to 97 parts Class C fly ash :
from 1/2 to 10 parts of an alkali metal activator such as described herein; and
from 1/2 to 3 parts of one or more set control agents such as described herein.

Comp. Specn. 25 Pages

Drg. Nil

Ind. Cl. : 206 E LXII

174220

Int. Cl.⁴ : H 03 M 3/02

H 04 B 1/10

"A SIGMA DELTA CONVERTER FOR BANDPASS SIGNALS".

Applicant : MOTOROLA INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 1303 EAST AIGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60196, UNITED STATES OF AMERICA.

Inventors : (1) PAUL HOWE GAILUS
(2) WILLIAM JOSEPH TURNEY
(3) FRANCIS RICHARD YESTER

Application No. : 1056/DEL/88 filed on 01-12-88.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110 005.

Claims 03

A sigma delta converter for bandpass signals having a non-zero frequency carrier or suppressed carrier with modulation thereon for converting an analog signal to a digital signal with improved signal-to-noise ratio performance the converter comprising :

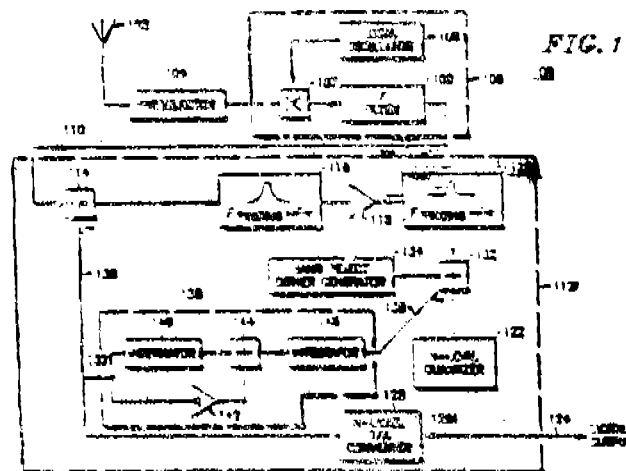
(a) bandpass filtering means (116, 188, 120) coupled by an input thereof to a first summing node (114), said bandpass filtering means having an output coupled to a positive input of a second summing node (132), said bandpass filtering means (116, 118, 120) having an associated damped sinusoidal impulse response therein, for filtering the analog before applying it to the second summing node (132);

(b) n-level quantizing means (122) coupled by an input of said quantizing means (122) to said second summing node (132), for quantizing the analog signal into a digital signal by oversampling and providing a digital signal having a plurality of levels (n) at an output therefrom;

(c) n-level D/A converting means (128) coupled by an input of said n-level D/A converting means (128) to an output of said quantizing means (122), said n-level D/A converting means (128) having an output coupled to said first summing node (114), for converting said n-level digital signal back to an analog signal to provide a negative feedback signal to a minus input of said first summing node (114) for providing improved signal-to-noise ratio performance; and

(d) direct current (DC) feedback means (136) coupled by an input of said direct current (DC) feedback means (136) to the output of said D/A converting means (128) and an output of said DC feedback means (136) coupled to

a negative input of said second summing node (132), for feeding back a DC voltage to minimize DC offset voltages within the converter.



(Comp. Specn. 17 pages;

Drgs. 03 sheets)

Ind. Cl. : 170 D

174221

Int. Cl.⁴ : C11D 3/00, 3/00.

BUILT SYNTHETIC ORGANIC DETERGENT COMPOSITION EXTRUDATE IN PARTICULATE AND PATTY FORMS, AND PROCESSES FOR MANUFACTURE AND USES THEREOF.

Applicant(s) : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW YORK 10022, UNITED STATES OF AMERICA.

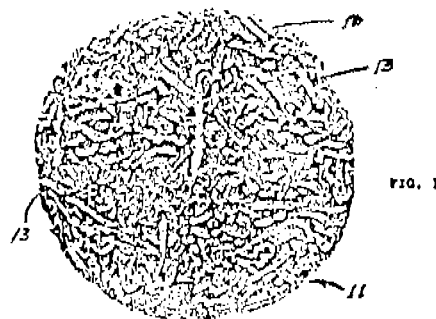
Inventor(s) : PALLASSAN NARAYAN RAMA-CHANDRAN.

Application for Patent No. 5/DEL/89 filed on 2nd Jan. 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110 005.

Claims 3

A built synthetic organic detergent composition comprising 10 to 30% by wt. of a multiple high moisture content rod-shaped extrudates of synthetic organic detergent such as herein described, from 30 to 70% by wt. (anhydrous basis) of a hydratable builder salt(s) such as herein described for said detergent, and 20 to 35% by wt. of water with the ration of weights of said builder salt (anhydrous basis) to synthetic organic anionic detergent being in the range of 1.5 : 1 to 5 : 1 and with the ratio of weights of said builder salt (anhydrous basis) to water being in the range of 1 : 1 to 3 : 1 the balance, being constituted by conventional adjuvante.



(Compl. Specn. 42 pages;

Drgs 3 sheets)

Ind. Cl. : 9 D

174222

Int. Cl. : C 21 C, 7/064 C 22 C, 38/18.

A METHOD FOR THE PRODUCTION OF DESULPHURISED FERROCHROMIUM.

Applicant : MIDDELBURG STEEL & ALLOYS (PROPRIETARY) LIMITED, OF 3rd FLOOR, ESSO HOUSE, SAND-TON CITY OFFICE PARK, 5th STREET, SAND-TOWN, SANDTON, TRANSVAAL PROVINCE, REPUBLIC OF SOUTH AFRICA.

Inventor : DONOVAN DE LACY SLATTER.

Application for Patent No. 8/DEL/89 filed on 3rd January, 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110 005.

Claims 4

"A method for the production of desulphurised ferrochromium from ferrochromium containing a very high sulphur content, said sulphur-containing ferrochromium resulting from the high pre-reduction of chromite ore by carbonaceous reductants, which comprises :

feeding to a heating vessel said high sulphur containing ferrochromium resulting from the pre-reduction of chromite ore together with all the non-metallic material such as here-in denned contained therein and any residual carbonaceous reductants resulting from the pre-reduction process, and

melting mixture of ferrochromium and non-metallic material in said vessel in the presence of residual calcium oxide contained in the slag formed from said non-metallic material under reducing conditions provided, at least in part, by said residual carbonaceous reductants, said reducing conditions being maintained by alternately preventing ingress or allowing ingress of air into said heating vessel containing said mixture and by adding additional carbonaceous reductants and/or chromite ore to said mixture, said calcium oxide being present in an amount of at least 7% of the mass of the slag forming material, said slag forming material having a basicity ratio of at least 1.2, said basicity ratio being defined as

$$\frac{\text{Mass \% CaO} + \text{Mass \% MgO}}{\text{Mass \% SiO}_2}$$

thereby providing the desired desulphurised ferrochromium having a predetermined degree of desulphurization.

(Compl. Specn. 18 pages;

Drgs sheet Nil)

Ind. Cl. 126 D

174223

Int. Cl. : G 01 K, 17/00.

"CALORIMETRY SYSTEM".

Applicant : GENERAL SIGNAL CORPORATION, OF HIGH RIDGE PARK, BOX 10010, STAMFORD, CONNECTICUT 06904, UNITED STATES OF AMERICA.

Inventors : JOHN CHARLES HOMER, SHAHRIAR NOWSHIRAVANI, STEVEN LYLE ROSS AND GILBERT FRANCIS LUTZ.

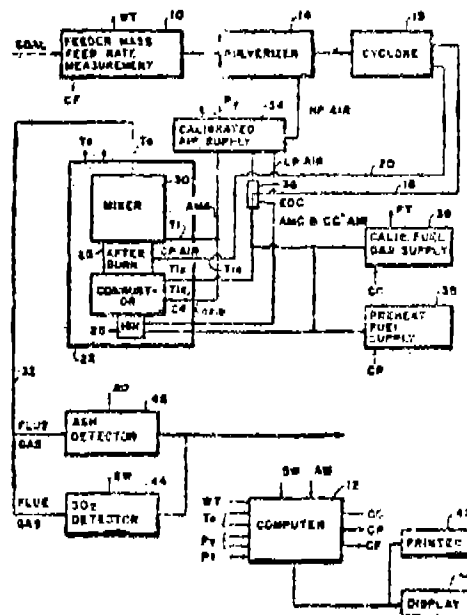
Application for Patent No. 11/DEL/89 filed on January 03, 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110 005.

Claims 29

"A calorimetry system for the direct and continuous measurement of the heating value, temperature of gases and

mass flow rates of solid fuel material on combustion of such fuel material in a combustor to produce combustion gas which is mixed with a mixing gas in a mixer, characterised by means for processing the material prior to combustion having a separator connected to a combustor and an after burner, said separator connected to said combustor for conveying a first stream of air which contains said material essentially of particles to said combustor and to said after burner for conveying a second stream of air containing the moisture in said material and particles of said material finer than the particles in said first stream to said after burner, said after burner located preceding said mixer and in the output stream of said combustor, and conduits carrying said first-stream into said combustor and said second stream into said after burner."



(Compl. Specn. 55 pages;

Drgs. 18 sheets)

Ind. Cl. : 154 D

174224

Int. Cl. : G 06 C 11/04, B 41 J 32/00.

"HIGH-SYMBOL DENSITY PRINTER CARTRIDGE".

Applicant : GENICOM CORPORATION, OF ONE GENICOM DRIVE, WAYNESBORO, VIRGINIA 22980, UNITED STATES OF AMERICA.

Inventors : CHARLES E. MILLISER, JOHN M. KARALEVICZ AND HARRY C. QUICK.

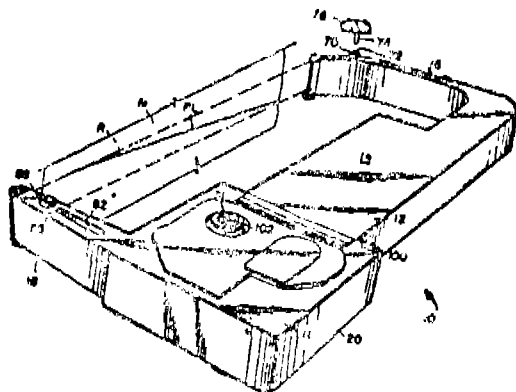
Application for Patent No. 14/DEL/89 filed on January 05, 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110 005.

Claims 7

1. "A printed cartridge for carrying a print ribbon for disposition in a print position between a printhead and a print recording medium, comprising a housing defining a storage chamber for the ribbon; ribbon exit and entrance arms spaced one from the other and projecting from said housing for routing the ribbon from the storage chamber along said exit arm into the print position located in the span between said arms and from the print position along said entrance arm to the storage chamber; a ribbon drive received into said housing for moving the ribbon into said storage chamber thereby displacing the ribbon from the exit arm through the print position and along the entrance arm; characterised by; a ribbon guide proximate an end of said entrance arm remote from said cartridge for guiding ribbon from said span to said entrance arm, said entrance arm being

moveably mounted with respect to said housing to flex towards and away from said exit arm, along the direction of ribbon movement in said span during high density printing while maintaining said guide perpendicular to said ribbon movement thereby minimizing adverse loading on said ribbon during such high density printing, said exit arm having means mounted at the end thereof, remote from said housing to maintain said exit arm substantially rigid, in said print position, with respect to said entrance arm.



(Compl. Specn. 26 pages;

Drgs. 5 sheets)

Ind. Cl. : 94 H

174225

Int. Cl.⁴ : B 02 C. 15/00.

AN IMPROVED ROLLER MILL FOR COMMINUTING SOLID MATERIALS.

Applicant : FULLER COMPANY, OF 2040 AVENUE C, P.O. BOX 2040, BETHLEHEM, PENNSYLVANIA 18001, UNITED STATES OF AMERICA.

Inventor : BERNARD HARVEY SCHONBACH.

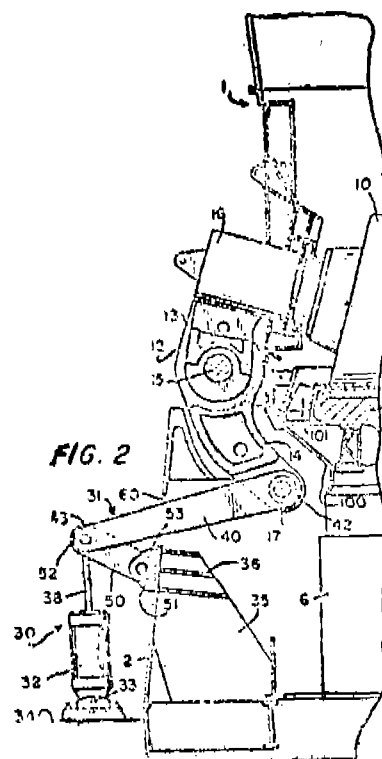
Application for Patent No. 15/DEL/89 filed on January 6, 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110 005.

Claims 6

"An improved roller mill for comminuting solid materials, said mill comprising a mill body, a substantially horizontal grinding table mounted in said mill body for rotation about a vertical axis, at least one grinding roller mounted in said body for rotation about an axis which is at an angle to the axis of rotation of the grinding table for cooperation with said grinding table for comminuting a bed of material between the grinding table and the grinding roller, a rocker arm mounted pivotally on said mill body for pivotal movement relative to said grinding table, said grinding roller being mounted on one end of said rocker arm and a downward force exerting apparatus for exerting downward force on the grinding roller having force exerting means with a first and second link members, said first link member being pivotally connected at its one end to the other end of said rocker arm and pivotally connected at its other end of said force exerting means, and said second link member being

pivotally connected at its one end to the mill body and pivotally connected at its other end to said other end of said first link member and said force exerting means.



(Compl. Specn. 13 pages;

Drgs 3 sheets)

Ind. Cl. : 6 A 2

174226

Int. Cl.⁴ : F 0 HC. 29/08.

"A VALVE SET FOR A RECIPROCATING COMPRESSOR".

Applicant : MASCHINENFABRIK SULZER-BURCKHARDT AG., OF DORNACHERSTRASSE 210 CH-4002 BASEL, SWITZERLAND.

Inventors : HANS MEIER AND MARCEL PAWLICEK.

Application for Patent No. 25/DEL/89 filed on January 12, 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110 005.

Claims 2

"A valve set for a reciprocating compressor, which comprises an inlet valve having disposed concentrically thereof a delivery valve, each of said valves being provided with a perforated seat plate, said seat plates having disposed therebetween valve plates connected one to each of said inlet and delivery valves, each of said valve plates being retained between said seat plates by at least one link, the inner edge of the outer valve plate and outer edge of the inner valve plate each being provided with a closed ring connected in

turn to the corresponding link, the two valve plates being secured in seat tight relationship between said seat plates at these two closed rings."

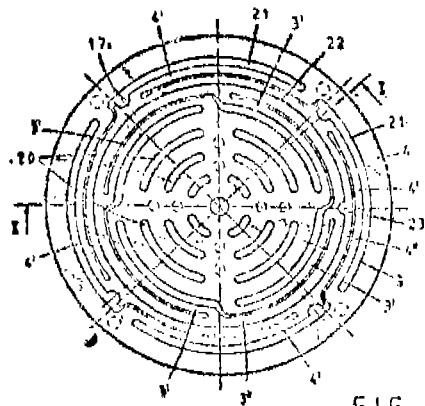


FIG. 2

(Compl. Specn. 7 pages;

Drgs. 1 sheet)

Ind. Cl. : 6 A2

174227

Int. Cl. : F 04 C, 29/08.

"A VALVE SET FOR A RECIPROCATING COMPRESSOR".

Applicant : MASCHINENFABRIK SULZER-BURCKHARDT AG., OF DORNACHERSTRASSE 210, CH-4002 BASEL, SWITZERLAND.

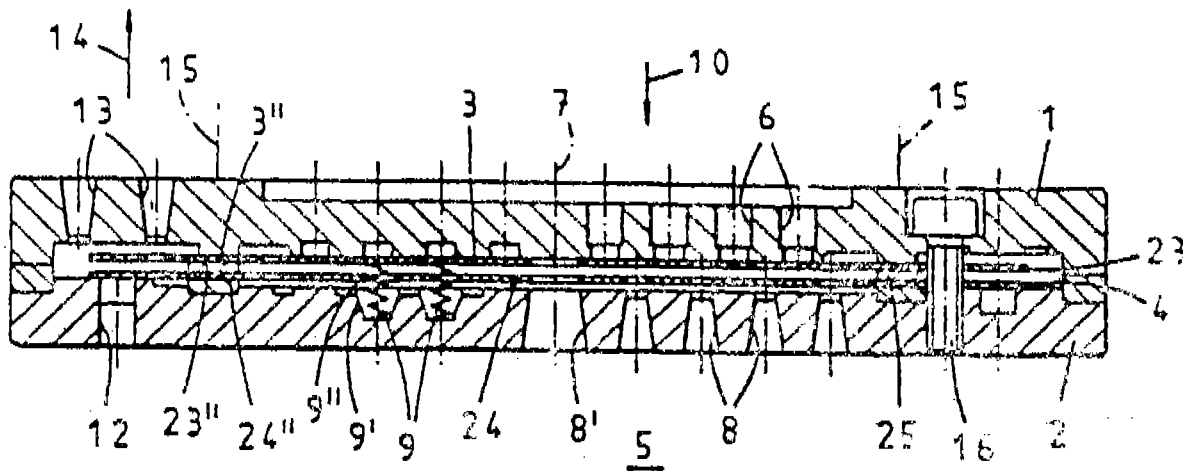
Inventors : HANS MEIER AND MARCEL PAWLICEK.

Application for Patent No. 26/DEL/89 filed on January 12, 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules 1972). Patent Office Branch, New Delhi-110 005.

Claims 2

A valve set for a reciprocating compressor, said valve set comprising an inlet valve and a delivery valve having a common axis with the inlet valve, each said valve having a perforated seat plate and a flat valve plate, said seat plates being disposed parallelly and substantially spaced from each other, the valve plate of the inlet valve and the valve plate of the delivery valve being disposed between said seat plates whereby said valve plates interact with the respective seat plates, one of said valve plates being circular and disposed in the centre of the valve set and the other of said valve plates being annular and disposed concentrically to the inlet valve or to the delivery valve characterised in that a damper plate extending into the region of the delivery valve is disposed in the plane in which the valve plate associated with the inlet valve extends for damping the movement of the valve plate associated with the delivery valve, another damper plate extending into the region of the inlet valve is disposed in the plane in which the valve plate associated with the delivery valve extends for damping the movement of the valve plate associated with the inlet valve, said valve plates associated respectively with the inlet valve and the damper plate, the delivery valve and the other damper plate being disposed in co-planar relationship therewith and sealingly secured between the seat plates by their respective adjacent edges.



(Compl. Specn. 8 pages;

Drgs. 2 sheets)

Ind. Cl. : 205 Wheel & Tyres for Vehicles.

174228

Int. Cl. : B 60 C, 25/00.

APPARATUS FOR REMOVING SELECTED PORTIONS OF THE MATERIAL FROM A TIRE SURFACE WHILE ROTATING FOR TIRE UNIFORMITY.

Applicant : GENERAL TIRE, INC., OF ONE GENERAL STREET, AKRON, OHIO 44329, UNITED STATES OF AMERICA.

Inventors : JACK LOUIS BAYONNET, ROBERT LEE BROWN AND BERNARD THOMAS ZUK.

Application for Patent No. 44/DEL/89 filed on January 19, 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules 1972). Patent Office Branch, New Delhi-110 005.

Claims 5

Apparatus for removing selected portions of tire material from a tire surface while rotating for the tire uniformity, comprising a support, a tire mounted on the support for rotation about its axis, a drive device connected to the tire for rotating the tire about its axis, a cutting device for removing material from tire surface, said cutting device being mounted adjacent the tire and movable toward and away from the surface of the tire, a sensor connected to the tire for measuring circumferential force variations in the tire, a positioning device connected to the cutting device for moving the cutting device into and out of cutting engagement with said surface of the tire in response to said electrical signals, wherein said positioning device consists of a screw that is connected to and holds the cutting device in a fixed position relative to the tire surface for a predetermined interval of time, said screw being rotatable to vary the placement of the cutting device relative to the tire surface during successive incremental positions corresponding to increments of the tire circumference, and a computer for

receiving said electrical signals representative of the circumferential force variations in the tire and for determining, based on said electrical signals, the placement of the cutting device relative to the surface of the tire for each incremental position corresponding to an increment of the tire circumference, said computer being connected to said positioning device and controlling the rotating of said screw to locate the cutting device at its proper location at each increment of the tire circumference, so as to remove the desired amounts of material from each of these increments.

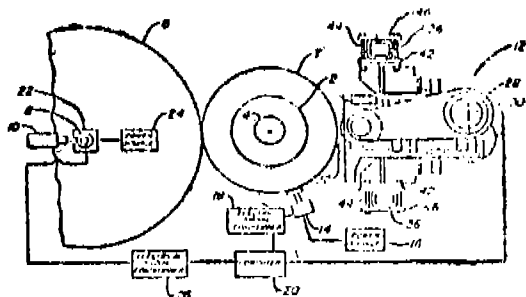


FIG. 1

(Compl Specn. 18 pages;

Drgs. 9 sheets)

Ind. Cl. : 13 D

174229

Int. Cl.⁴ : A 45 C, 5/00

"A SUITCASE"

Applicant : DELSEY, A FRENCH COMPANY, OF 23, RUE SAINT ANDRÉ, 93012 BOBIGNY CEDEX, FRANCE.

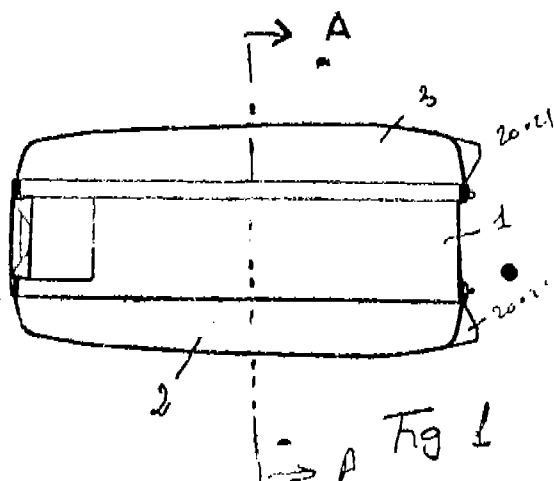
Inventors : ANDRÉ SEYNHAEVE

Application for Patent No. 53/DEL/89 filed on January 20, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Office Branch, New Delhi-5.

Claims 15

"A suitcase consisting of a central frame (1) having a rigid annulus to which are attached two rigid shells (2,3), one of said two shells (2) being hinged to one of the sides of the central frame in such manner that it may swivel over at least 180°, wherein the central frame (1) being made of a single piece and having in its front panel (6) a recess (10) covered by a reinforcing member (11) so as to form a hollow beam serving for stiffening the upper wall of the suitcase, said hollow beam receiving a locking mechanism, a central handle and a lateral handle of the suitcase.



Comp. Specn. 10 Pages
4-287GI/94

Drg. Spect. 5 Sheets

Ind. Cl. : 139 A & 40 H.

174230

Int. Cl.⁴ : B 01 J 20/00

A PROCESS FOR PREPARING CARBONACEOUS ADSORBENT PARTICLES.

Applicant : ROHM AND HAAS COMPANY, OF INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA 19105, UNITED STATES OF AMERICA.

INVENTORS : STEPHEN GERARD MAROLDO, WILLIAM ROBERT BETZ AND NOAH BORENSTEIN.

Application for Patent No. 57/DEL/89 filed on January 23, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 8

A process for preparing carbonaceous adsorbent particles having multimodal pore-size distribution and a minimum micropore volume of about 0.02 cm³ which comprises pyrolyzing particles of a polysulfonated macroporous, crosslinked, vinyl-aromatic polymer at a temperature selected from 300°C to 1200°C.

(Complete Specification : 37 Pages; Drawing Sheets : Nil)

Ind. Cl. : 28 F [XXX(1)]

174231

Int. Cl. : F 23 D 11/12, 23/00

AN IMPROVED ATOMISING FILM BURNER.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860)

Inventors : 1. BHAMBI PREM NATH, 2. MADAN HARISH KUMAR.

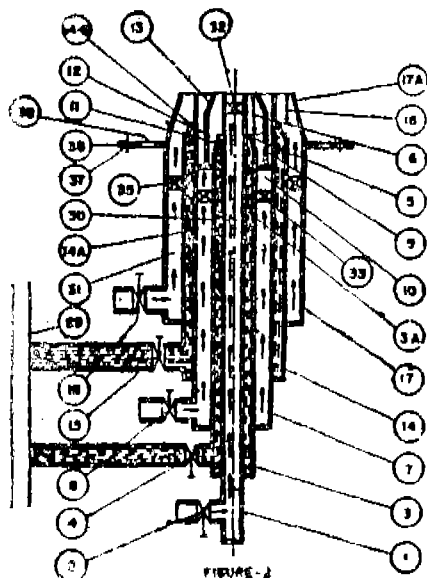
Application No. 663/Del/88 filed on 02-08-88.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5

Claims 4

An improved atomising film burner comprising two or more coaxially fixed fuel pipes (3, 14, 25) pipes surrounding coaxially with primary air/steam pipes (1, 7, 17, 19), one after the other, the fuel pipes (3, 14, 25) being provided with fuel metering nozzles (5, 14B, 27) at their outer ends, the portions of primary air/steam pipes (1, 7, 17, 19), excepting that of the outermost air/steam pipe (19) protruding beyond the respective fuel metering nozzles (5, 14B) of the fuel pipe (3, 14) surrounding the just previous inner air/steam pipes (1, 7, 17), the primary air/steam pipes being provided with an air/steam divider (9, 24) for dividing the air/steam into two streams (11, 12, 22, 23), the divider being provided with impinging cones (13), the outer most air/steam pipe (19) being provided with a burner plate (36) for fixing the burner to the furnace to be heated,

the plate being also provided with holes (37) or slots to draw secondary air from the atmosphere.



Comp: Specn. 15 Pages

Drgs. 4 Sheets.

Int. Cl.⁷ : B 65 D 90/00

174232

Ind. Cl. : 179 [XL (6)].

"TAMPER-EVIDENT DEVICE AND METHOD OF MAKING SUCH DEVICE".

Applicant : ALCAN INTERNATIONAL LIMITED, A COMPANY ORGANISED UNDER THE LAWS OF CANADA OF 1188, SHERBROOKE STREET, WEST, MONTREAL, QUEBEC, CANADA H 3 A 3G 2.

Inventors : 1. Smits Paul. 2. ROSENFELD ARON MARCUS, 3. DEFERRARI HOWARD FRANCIS.

Application No. : 665/DEL/88. filed on 2nd Aug 1988.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5

Claims 12

A temper-evident device comprising a colour-generating laminate comprising at least partially of a layer of a valve metal, a refractory metal or a gray transition metal of medium light reflectivity and an adhering overlying layer of metal oxide having a thickness suitable for colour generation; and an overlying flexible strip of transparent or translucent material attached to said metal oxide layer; said metal oxide layer being an anodic film which is detachable from the metal in at least limited areas of the film, said metal oxide layer having been anodized at least in said limited areas in the presence of fluorine ions.

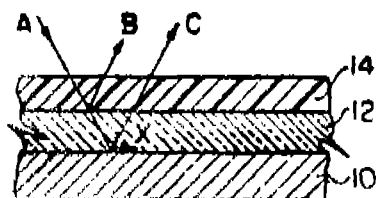


FIG. 1

Comp. Specn. 32 Pages

Drg. 2 sheets.

Ind. Cl. : 108 C₃ [XXXIII (5)]

174233

Int. Cl.⁷ : B 22 D 11/10 45/00.

C 21 C 5/46.

"AUTOMATIC LANCE CHANGEOVER DEVICE"

Applicant : PAUL WURTH S. A., A COMPANY ORGANISED UNDER THE LAWS OF LUXEMBOURG, OF 32 RUE D' L-1122 LUXEMBOURG, GRAND-DUCHY OF LUXEMBOURG.

Inventor : 1. STOMP HUBERT

2. HEINTZ CARLO

3. KREMER ANDRE

4. MONAI JEAN

5. FRIES DANIEL

6. DEVILLET SFRGE.

Application No. 732, DEL/88. filed on 26 Aug 88.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5

Claims 09

Automatic lance changeover device, in particular for top blowing (lances to be coupled and fixed) during metal refining lance to be coupled and fixed vertically displaceable lance carriage, the fluids required for the refining being fed to a coupling head forming a mechanical unit with said lance carriage and said fluid being transferred into said lance at the coupling between said coupling head and the upper part of said lance, said lance changeover device comprising :

at least one pair of lance receiving hooks connected to said lance carriage, one each of said hooks being provided on diametrically opposed sides of said lance carriage coupling head for engagement with a respective supporting pin on said upper part of the lance;

Vertical displacement means as herein described connected between said lance carriage and said hooks for the synchronous vertical displacement of said hooks relative to said carriage and said lance coupling head;

pivoting means as herein described connected between said lance carriage and said hooks for synchronously pivoting one each of said hooks about a horizontal axis of rotation in relation to the vertical displacement of said hooks by said vertical displacement means; and

measuring means as herein described provided on said displacement means for assessing the force with which said upper part of the lance is pressed against said coupling head of the lance when said hooks engaged in said supporting pins of said lance are raised by said vertical displacement means.

Comp. Specn. 14 Pages.

Drg. 4 sheets.

Ind. Cl. : 32 E [IX (1)]

174234

Int. Cl. : C 10 M, 1/45/00.

"FUNCTIONAL FLUID COMPOSITION".

Applicant : EXXON CHEMICAL PATENTS INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 1900 EAST LINDEN AVENUE, LINDEN, NEW JERSEY 07036, U. S. A.

Inventor : 1. KENNETH LEWTAS, (2) JAVQUELINE DAWN BLAND.

Application No. 743/DEL/88 filed on 31-8-88.

Convention No. 2-09-87/8720606/U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

Functional fluid composition comprising a functional fluid such as herein described and from 0.001 to 0.5 wt.% based on the wt. of said functional fluid, an additive comprising an unsaturated dicarboxylic ester comb polymer derived from at least a mixture of unsaturated dicarboxylic acid monomers selected from the group consisting of (a) monomers having an alkyl group of at least 8 carbon atoms of substantially only two different chain lengths, one being at least 3 carbon atoms longer than the other, (b) monomers having an alkyl group of at least 8 carbon atoms of substantially only three different chain lengths, these chain lengths differing by at least 3 carbon atoms, (c) from a monomer having substantially only two alkyl groups of at least 8 carbon atoms, one being at least 3 carbon atoms longer than the other and (d) from a monomer having substantially only three alkyl groups of at least 8 carbon atoms, the chain lengths of each alkyl group differing by at least 3 carbon atoms from each other alkyl group; copolymerised with or without a spacer monomer such as herein described and upto 20 parts by wt. of said additive, of any conventional additive such as herein before defined.

(Comp. Specn. 31 Pages;

Drg. Nil)

Ind. Cl. : 43 E.

174235.

Int. Cl.¹ : C 01 D 7/00, 17/22.

"A METHOD OF PREPARING SULFUR NITROGEN, CARBON AND HALOGEN CONTAINING ALKALI AND ALKALINE EARTH COMPOUNDS".

Applicant : PASSAMAQUODDY TRIBE A SOVEREIGN AMERICAN INDIAN TRIBE RECOGNIZED AND EXISTING UNDER THE LAWS OF THE UNITED STATES OF AMERICA, C/O PASSAMAQUODDY TECHNOLOGY, 178 MIDDLE STREET, PORTLAND, MAINE 04112, UNITED STATES OF AMERICA.

Inventor : MORRISON GARRETT LOUIS.

Application No. 747/Del/88 filed on 2nd Sep 88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A method of preparing sulfur, nitrogen, carbon and halogen containing alkali and alkaline earth compounds such as herein described from ash and combustion exhaust gas containing as pollutants at least one of the acidic oxides of sulfur, nitrogen, carbon, and halogens and acidic halogen compounds, said method comprising

a. mixing ash and water to prepare an alkali slurry,
b. contacting the exhaust gas stream with said alkali slurry to cause the pollutants in said exhaust stream to react with the water in said alkali slurry to produce acids,

c. allowing said acids to react with any alkali and alkaline metal oxides, hydroxides and carbonates in said alkali slurry to produce

(i) soluble alkali metal salts and

(ii) a precipitate of insoluble alkaline earth metal salts comprising at least one of halogen compounds, carbonate, sulfate, sulfite, nitrate, and nitrite of calcium, magnesium potassium and sodium,

d. recovering in any known manner alkaline earth metal salts from said precipitate, and

e. recovering, said soluble alkali metal compounds by evaporation.

Comp. Specn. 13 pages;

Drg. 1 sheet

Int. Cl. : C 04 B 7/00.

174236

Ind. Cl. 35 B [XXX (2)]

"A SUSPENSION PREHEATER SYSTEM FOR USE WITH A ROTARY KILN".

Applicant : NATIONAL COUNCIL FOR CEMENT & BUILDING, MATERIALS, OF M-10 SOUTH EXTENSION PART II, RING ROAD, NEW DELHI-110049, INDIA, AN INDIAN COMPANY A REGISTERED UNDER THE SOCIETIES REGISTRATION ACT, 1860.

Provisional specification with Application No. 751/DEL/88 filed on 5th Sep 88.

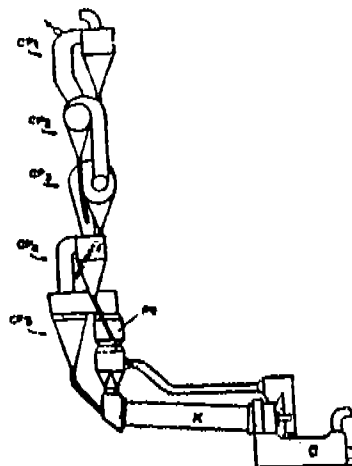
Comp. Specn. filed on 1st Dec. 1989.

Inventor : HOSAGRAHARA CHANDRHESEKARAN-VISVESVARAYA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A suspension preheater system for use with a rotary kiln for manufacture of cement by the dry process, said system comprising five or more cyclones characterised in that atleast one of said cyclones is a horizontal cyclone, said horizontal cyclone comprises a cylindrical chamber having an inlet and exist duct a raw meal collection hopper connected to the opening provided in the base of said chamber, wherein said opening is tapered in the direction of entry to exist has a greater width at the said exist duct.



Provisional Specn. 5 Pages

Drg. Nil

Comp. Specn. 10 Pages

Drg. 2 sheets

Ind. Cl. : 128 G [XIX (2)]

174237

Int. Cl.¹ : A 61 F 5/46.

PROPHYLACTIC DEVICE.

Applicant : ALLAVENKATA KRISHNA REDDY, AN INDIAN CITIZEN OF 1042, JADE DRIVE, HANNA, WYOMING 82327, UNITED STATES OF AMERICA.

Inventor : ALL VENKATA KRISHNA REDDY.

Application for Patent No. 0784/DEL/88. filed on 16-09-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

17 Claims

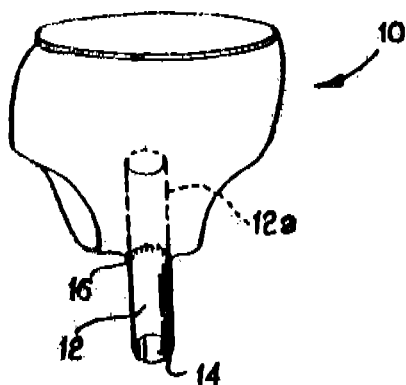
A prophylactic device to be worn by a person to prevent transmission of bodily fluids and disease during sexual intercourse, said device comprising :

(a) an elongated hollow pouch (12) having first and second ends (14, 16) : said first end (14) being closed and said second end having an opening, said pouch having a thin wall member which is flexible ;

(b) a continuous flange member (64, 74, 84) attached said to second end (16) of said pouch and which extends around the circumference of said opening; and

(c) attachment means (26, 27, 36, 37) attached to said continuous flange member and enabling said device to be worn by a user.

FIG. 1



Compl. specn. 37 pages;

Drg. 13 sheets

Ind. Cl. : C 08 L, 23/26

174238

Int. Cl. : 32 E IX(1).

A POLYOLEFIN COMPOSITION STABILIZED AGAINST OXIDATIVE DEGRADATION.

Applicant : UNIROYAL CHEMICAL COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW JERSEY, ONE OF THE UNITED STATES OF AMERICA, LOCATED AT WORLD HEAD QUARTERS, MIDDLEBURY, CONNECTICUT 06749, UNITED STATES OF AMERICA.

Inventor : THOMAS MAX CHUCTA.

Application No. 799/Del/88 filed on 21-09-88.

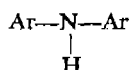
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

12 Claims

A polyolefin composition stabilized against oxidative degradation comprising :

(a) a peroxide-free thermoplastic polyolefin homopolymer or copolymer with optional conventional ingredients;

(b) at least one diarylamine selected from the group consisting of alkyl-substituted diarylamine and aralkyl-substituted diarylamine, said diarylamine having the general formula



wherein Ar and Ar' each is an aryl radical with at least one of said radicals being substituted with an aralkyl radical or an alkyl radical of from 3 to 18 carbon atoms;

(c) at least one known sterically hindered phenol; the combined weight of components (b) and (c) shall equal 0.01 to 5.0 weight percentage of polyolefin and the ratio of (b) : (c) being from 20 : 1 to 1 : 20 and the rest of the composition comprising component (a).

Comp. specn. 32 pages;

Drg. 2 sheets

Ind. Cl. : 71 B [XXVIII(1)]

174239

Int. Cl. : E 21 C 25/00.

MINING MACHINE WHICH CAN SERVE A DUAL FUNCTION OF A ROAD HEADER AND A CONTINUOUS MINER.

Applicant : ANDERSON GROUP PLC FORMERLY KNOWN AS ANDERSON STRATHCLYDE PLC., A BRITISH COMPANY, OF 47 BROAD STREET GLASGOW G40 2 QW, SCOTLAND.

Inventor : HARRISON WILLIAM.

Application No. 1010/Del/88, filed on 22-11-88.

Convention date : 25-11-87/8727602/U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

4 Claims

A mining machine which can serve a dual function of a road header and a continuous miner, the machine comprising a chassis (10, 12) having a main frame (10), a turret (14) mounted on the main frame (10) and having a forwardly extending overhang (17) which has two side walls (18) in which aperture means (19, 20) are located, each of the aperture means (19, 20) comprising an upper circular transverse side wall bore and a lower circular transverse side wall bore, the corresponding apertures (19, 20) in each side wall (18) being transversely co-axial, and the lower bore (20) being spaced forwardly and inwardly offset relative to the upper bore, (19) said side wall bores providing means to mount pivotally a roadheader cutter boom assembly about a horizontal axis which is pivotally secured in the upper bores (19) and pivotally actuatable by means of hydraulic cylinders (28) which are fixed at one end in the lower bores (20) and at the other end on the body of the boom, characterised by a pair of brackets (45) for attachment to the side walls (18) of the overhang (17) via the upper and lower side wall bores (19, 20) thereof when the roadheader cutter boom assembly has been removed therefrom, said brackets (45) being capable of mounting pivotally about a horizontal axis, a continuous miner cutter boom assembly, said brackets (45) each having three transverse bracket bores (46, 47, 48) spaced in triangular relation, two (46, 47) of which register co-axially with the upper and lower side wall bores (19, 20) in the respective side wall (18) the other bracket bore (48) of each bracket (45) providing the pivotal mounting for the continuous miner cutting boom assembly, and hydraulic cylinders (51) fixed at one end to the boom and at the other end to the body of the turret (14) for pivotally actuating the continuous miner cutting boom assembly.

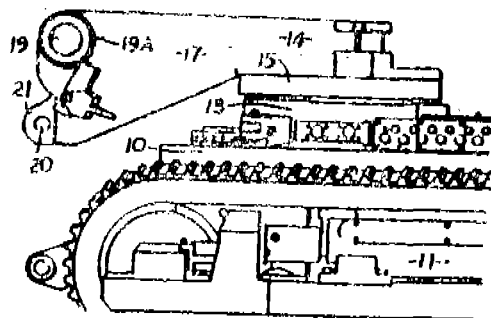


Fig. 1

Comp. Specn. 7 pages

Drg. 3 sheets

Ind. Cl. : 45B,

174240

Int. Cl. : F 03 D, 1/00, 1/04, 1/06.

AUTOMATIC DEVICE FOR REGULATE FLOW OF LIQUID THROUGH A SYPHONIC SYSTEM.

Applicant : KAILASH NARAYAN VAKIL, CIVIL LINES, BIJNOR (UP).

Inventor : KAILASH NARAYAN VAKIL.

Application for Patent No. 1164/Del/88 filed on 28th October 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

4 Claims

An automatic Device to control and/or regulate flow of liquid through a Syphonic System of a Cistern, tank or reservoir (1), comprising means (7 & 17) constructed in a manner as to introduce air at any appropriate point on place of the Syphonic System; an operating attachment (13) capable of adjusting and fixing the said means in relation with the level of liquid in the said Cistern, tank, or reservoir; and indicator moving on a graduated scale to indicate the said level of the liquid.

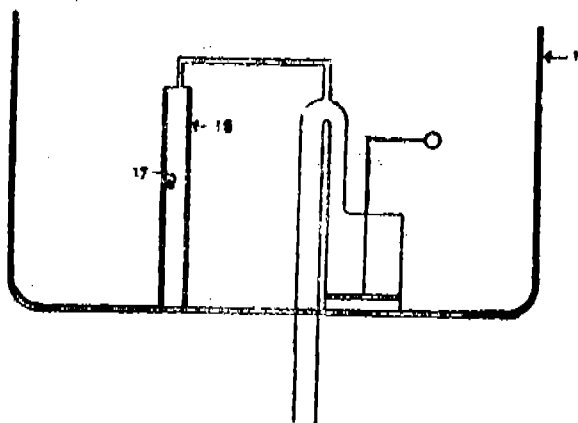


FIG. 3

(Compl. specn. 10 pages;

Drg. 4 sheets)

PATENT SEALED ON 16-09-1994

172453 172920 172921*D 172922* 172924 172925*
 172927*D 172930*D 172940* 172941 172944*D 172945*D
 172946* 172948*D 172950*D 172953 172956 172957*
 172958 172960* 172962*D 172965*D 172966*D 172967*D
 172968*D 172969*D 172971* 172973* 172974 172976*D
 172977 172991 172992 172994.

Cal-09, Del-17, Bom-02, Mas-06.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of Sealing.

D—Drug Patent.

CESSATION OF PATENTS

154854 154856 154857 154871 154873 154874 154875 154896
 154902 154906 154910 154929 154941 154942 154948 154967
 155024 155084 155085 155103 155119 155121 155144 155149
 155209 155212 155262 155280 155305 155315 155337 155363
 155374 155392 155404 155427 155434 155435 155438 155442
 155473 155475 155504 155564 155568 155569 155595 155618
 155641 155654 155664 155669 155681 155684 155685 155686
 155694 155709 155710 155765 155787 155815 155842 155849
 155885 155927 155932 155938 155961 156973 155998 155999
 156002 156005 156084 156087 156088

RENEWAL FEES PAID

152478 152482 152483 153115 153227 153241 153242 153301
 153515 153753 153766 154702 154752 154753 155150 155207
 155208 155211 155254 155303 155304 155319 155324 155503
 155953 157059 157060 157110 157112 157397 157432 157438
 157443 157477 157492 157493 157501 157508 157520 157521
 157560 157565 157671 157708 157709 157732 157742 157782
 157859 157868 157916 157993 158254 158255 158463 158807
 158808 158811 158933 158993 158945 158997 159044 159140
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 162318 162326 162451 162452 162453 162455 162458 162522
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 163171 163384 163757 164110 164227 164249 164268 164270
 164271 164320 164384 164438 164439 164653 164773 164775
 164850 164956 164973 164975 164976 165100 165101 165254
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 170628 170733 170905 171043 171174 171191 171192 171194
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 171460 171599 171600 171667 171928 171929 171964 172063
 172069 172116 172181 172183 172188 172204 172207 172208
 172239.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 156985 dated the 28th August, 1981 made by Purokator India, Ltd. on the 15th June, 1993 and notified in the Gazette of India, Part III, Section 2, dated the 28th August 1993 has been allowed and the said patent restored.

CHEM. ENGG. LIST NO II.

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following Patents in the field of Chemical Engineering Industry are not being commercially worked in India as admitted by patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970 in respect of calendar year 1992 generally on account of want of request for licences to work the patented invention. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a license for the purpose.

Patent No.	Date of Patent	Name and Address of the Patentee	Title of the Invention
1	2	3	4
157529	25-3-1982	Alcan International Ltd, 1188 Sherbrooke Street, West Montreal, Quebec Canada H 3A 3G8.	A method of making a magnesium alloy.
154431	12-6-1981	Aluminium Pechiney 23, rue Balzac 75003, Paris, France.	Process & apparatus for accurately controlling the rate of introduction & the content of alumina in an igneous electrolysis tank and use for the production of aluminium.
161557	12-10-1983	Do.	A process for the production of aluminium trihydroxide having a medium diameter of less than 4 microns, which can be varied as required.
161602	26-9-1983	Do.	A process for the production of aluminium trihydroxide granules having a diameter within the range of 2 to 100 microns.
164323	26-6-1985	Do.	Process for obtaining impurity free super-saturated bayer's cycle solution from impure solution obtained in a conventional Bayer's process.
164906	24-4-1986	Do.	Improvements in the process for the production of aluminium by electrolysis by the Hall-Heroult process.
169223	21-4-1987	Do.	Process and apparatus for the decomposition of sodium aluminate liquor for the production of alumina.
168336	19-10-1987	Do.	An improved method of recovering the gallium contained in an aqueous solution of heavily alkaline sodium aluminate solution.
165564	10-3-1986	Amberger Kaolinwerke GmbH, Georg Schütler Strasse 708452 Hirschau, Federal Republic of Germany.	Multistage separator for separating solids from solid-liquid mixtures by counter separation.
153347	11-3-1981	American Cyanamid Company Wayne, New Jersey, United States of America.	An improved process for the manufacture of alumina from alumina ores.
158029	11-2-1983	Do.	An improved process for preparing a reinforced conductive component.
167269	27-7-1988	Do.	A process for preparing arylpyrrole compound.
168450	2-9-1987	Do.	Method for the preparation of pyridine 2-3-dicarboxylic acids.
168522	30-3-1987	Do.	Process for preparing safened pelletized pesticide resin composition for controlling soil borne pests.

1	2	3	4
159110	15-2-1984	American Hoechst Corporation Route 202-206 North Somerville, New Jersey-08876 U.S.A.	Process for the preparation of water soluble monoazo compounds.
161800	15-2-1984	Do.	Process for the preparation of a fiber reactive yellow azo dyestuffs.
165731	1-5-1986	Applied Industrial Materials Corporation, one Park way North Soute 400, Deerfield, Illinois 60015, U.S.A.	A process for the production of silicon or ferrosilicon in an electric low shaft furnace and jaw material mouldings suitable for the process.
167650	21-1-1988	Arco Chemical Co. 3801, Chester Pike, Newton Square State of Peansylvania, U.S.A.	A method of preparing epoxide extended polyol esters.
153451	1-12-1980	Asahi Kasei Kogyo Kabushiki karsha, 2-6-Dojlmahama 1-chome, Kita-ku, Osaka, Japan.	Process for producing fluorinated cation exchange membrane.
156691	23-12-1981	Do.	A process for the separation of elements by chromatography.
157484	12-10-1981	Ashland Oil, Inc. P.O. Box 391 Ashland Kentucky 41101, U.S.A.	Process for the production of carbon black.
168119	26-10-1987	Asta Pharma AG, Weismullerstr, 45, D-5000 Frankfurt-am-Main 1, West Germany.	A process for the preparation of ifosamid lyophilisate.
169678	4-8-1988	Austral-Pacific Fert ilizers Ltd. Paringe Road, Gibson Island, Murrarie, Queensland 4170, Australia.	Process for enhanced urea production.
165089	8-10-1986	Biogram AB, Box 260, S-20122, Malmo, Sweden.	A process for the preparation of micro-capsules.
165531	16-12-1986	Do.	A process for the preparation of a stabilize hydrogen peroxide composition.
164028	20-3-1985	British steel Plc. 33 Grosvenor Place, London S.W. 1, England.	A method of refining metal.
167099	26-2-1986	Do.	A method of iron making by means of a smelting shaft furnace.
169051	3-5-1988	B.V. Optische Industries, Van Mierereltaan 9, 2612 Xe Deleef, the Netherlands.	Collimating mark device.
156839	7-4-1982	Central Mine Planning and Design Institute Ltd, Gondwana Place, Kanke Road, Ranch-834008 Bihar, India.	Continuous carboniser for the production of domestic coke from coal.
163678	15-5-1985	Chief Controller Research & Development Ministry of Defence, Government of India New Delhi, India.	A process for the manufacture of fuel tank.
164903	14-2-1986	China Metallurgical Import & Export Corporation, 46 Dongsixi Dajie, Beijing, Republic of China.	An in itiating elements for use in a non-primary explosive hollow tube ² detonator.
165902	9-7-1986	Colortech Inc, 8011 Dixie Road Brampton Ontario, Canada L 6 T, 3VI.	Method and apparatus for forming extruded Products.

1	2	3	4
148539	28-2-1979	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-110001, India	A process for the preparation of active silica from paddy husk.
149603	10-8-1979	Do.	An improved process for preparation of reformation catalyst for use in reforming of hydrocarbons.
149935	5-9-1979	Do.	Improved process for preparation of pure Beta-ionone.
150416	31-12-1979	Do.	Process for the preparation of water displacing rust preventive oil for protection of metal from corrosion.
150466	17-12-1979	Do.	A process for the microtrial recovery of copper from copper ores.
151036	25-1-1979	Do.	A process for preparation of ammonium vendate from vanadium bearing sludge of aluminium plant by liquid ion exchange method.
151654	18-2-1980	Do.	A process for the isolation of pure neuraminidase.
151656	17-5-1979	Do.	An improved process for the preparation of anisole-o-cresol and 2, 6, xlenol.
152041	18-2-1980	Do.	Process for the preparation of corrosion inhibiting additive composition for steel pipes of heat exchangers.
152241	5-6-1979	Do.	A process for purification and enrichment of low grade molybdenite concentrates.
152242	5-6-1979	Do.	An improved process for purification and enrichment of low grade molybdenite concentrates.
153227	23-12-1980	Do.	A process for making an improved composite silicon refractory products.
153299	19-9-1980	Do.	A process for the preparation of a vegetable self tanning material from caesalpinis coriaria or dividivi ponds for use in leather industry.
153337	30-10-1980	Do.	A process for the preparation of sea water corrosion inhibitors additive substance from ripe fruits of a vegetable plant cordio lothil for protection of metal.
153384	2-2-1981	Do.	A process for the preparation of commercial grade vanadium pentoxide and by-product sodium sulphate from vanadium sludge of alumina industry.
153417	29-2-1981	Do.	Improved process for the preparation of active manganese dioxide from pure manganese carbonate.
153508	19-12-1979	Do.	Process for the production of heat absorbing glass.

1	2	3	4
154064	3-7-1981	Council of Scientific and Industrial Research, Raj Marg, New Delhi-110 001, India.	An improved process for Delilication of Black/ Green liquors obtained as waste Liquors of Paper and Allied Industries.
154335	22-8-1981	Do.	A process for product on of iron ore con- centrate from low grade iron ores having hydrated iron oxide.
154752	4-1-1982	Do.	An improved process for the extraction of metal values of copper, lead and zinc from sulphur ores or ores concentrates.
154753	7-1-1982	Do.	Improved process for the production of vanadium pentoxide flakes from vanadium bearing slags.
155137	25-10-1980	Do.	A Chemical process for demineralisation of Carbonaceous materials such as coal and coke.
155140	21-11-1980	Do.	Improved process for the extraction of metal values like copper, nickel and cobalt from copper converter slags.
155444	27-2-1981	Do.	Process for the extraction and sulphrization of JOJOBA oil for use as a lubricant.
155887	16-4-1981	Do.	A process for preparation of tetra-N-butyla- monium iodide.
156460	12-6-1981	Do.	Production of stablized coal-oil slurry.
157060	30-12-1982	Do.	An improved high build anticorrosive paint composition for use in marine environments.
157110	7-1-1983	Do.	A process for the preparation of precipitated calcium carbonate from carbide lime sludge.
157254	14-10-1981	Do.	An improved process for the desulphuri- sation of ferrous melts in the iron and steel industry.
158085	25-6-1982	Do.	An improved process for the preparation of stable manganous oxide (MnO).
158096	13-4-1983	Do.	An improved process for the preparation of isomeric tertiary alcohols.
158331	19-5-1982	Do.	A process for the recovery of lead and zinc values from moore cake.
158369	13-7-1983	Do.	A process for the conversion of limonene to carvyl chloride.
158462	23-10-1982	Do.	A process for the preparation of catalyst for isomerisation of alkyl aromatic compounds.
158468	24-6-1983	Do.	A process for the simultaneous preparation of 4-terpinenol - α -terpineol and δ -P-cymenol.
158528	20-8-1982	Do.	A process for the production of modified sal seed metal by extraction of tannin there- from.
158975	24-7-1982	Do.	Process for the preparation of Diosgenin anti-sera for use in the determination of diosgenin in a plant material.

1	2	3	4
158990	29-11-1983	Council of Scientific and Industrial Research Rafi Marg, New Delhi-110001, India.	Improvements in or relating to a process for the extraction of copper lead & zinc metal values from complex sulphide ores, concentrates.
159041	17-3-1983	Do.	Process for the preparation of improved Cationic fat liquor from vegetable oil.
159186	18-5-1984	Do.	An improved process for the preparation of a metal sulphate.
159282	2-5-1984	Do.	Process for the preparation of allylic and benzylic esters.
159964	30-9-1984	Do.	Process for the manufacture of pyrochor (activated carton) from waste materials.
160197	23-10-1982	Do.	A catalytic process for the isomerisation of alkyl aromatic compounds.
160256	21-2-1984	Do.	A process esterification of carboxylic acid-
160274	27-5-1985	Do.	Improvements in or relating to the preparation of water borne self curing zinc silicate coatings.
160279	25-1-1985	Do.	A process for the preparation of a catalyst useful for the selective conversion of ethylene into aromatic hydrocarbons containing 6 to 8 carbon atoms.
160355	26-9-1984	Do.	An improved process for the preparation of aluminum or aluminium alloys.
160403	2-4-1984	Do.	An improved process for the treatment of coir/coir proudelets to make them fire/flame retardant and coir/coir products treated.
160474	7-2-1985	Do.	Improved process for the preparation of meta-nitro-chloro-benzene.
160478	18-3-1985	Do.	An improved process for the extraction of copper, nickel, cobalt manganese metal values and from deep sea manganese nodules.
160479	18-3-1985	Do.	An improved process for the extraction of copper, nickel & cobalt metal value from deep sea manganese nodules.
160507	2-5-1984	Do.	Process for the conversion of tertiary alkyl halides into the corresponding alcohols.
160520	10-12-1984	Do.	A process for the extraction of cobalt, nickel and copper from copper converter slags with ammonium sulphate roasting at low temperatures.
160535	10-12-1984	Do.	A process for the extraction of copper nickel and cobalt metal values from manganese sea nodules.
160536	10-12-1984	Do.	A process for the extraction of copper nickel and cobalt metal values from sea bed manganese nodules.

1	2	3	4
160579	4-4-1986	Council of Scientific and Industrial Research Raj Marg New Delhi-110001 India.	A process for preparing base polymer for ion-exchange membrane.
160753	23-3-1985	Do.	A process for the extraction of Garcinal hydroxyeltric acid & anthocyanins which are useful in food industry as colouring additives from kokum plar (Garcinia India).
160754	16-5-1986	Do.	An inhibitor composition for protection of metal alloys from sea water.
160844	10-7-1980	Do.	Process for the conversion of tertiary alkyl halides into ethers.
160979	14-10-1985	Do.	A process for the preparation of thickner material from the plant lites polyantha for use in the textile printing industry.
161056	9-7-1984	Do.	An improved process for the preparation of zinc sulphide silver phosphor blue photoluminescent materials.
161412	21-6-1985	Do.	Improvements in or relating to electro chemical synthesis of pollyindole.
161457	13-8-1984	Do.	A process for the preparation of a composition useful for coating rusted surfaces.
161570	26-12-1984	Do.	An improved process for the recovery of metallic copper from copper converter slag or any other oxidised copper bearing material.
161612	4-7-1984	Do.	An improved process for the preparation of sym-N, N-disubstituted diaryl urea compounds.
161644	9-7-1984	Do.	An improved process for the recovery of lead from a complex sulphide ores concentrate.
161649	23-3-1985	Do.	A process for the recovery of silver from Wast hypo solutions available from photographic industries.
162097	5-3-1985	Do.	An improved process for the extraction of copper from chalcopyrite concentrate through bacterial leaching technique.
162297	10-12-1984	Do.	A process for the preparation of a non-corrosive flux for soft soldering of copper and copper based alloys.
162452	8-1-1985	Do.	An improved process for extraction of copper Nickel and cobalt from deep sea manganese nodules by ammoniacal leaching
162491	30-4-1985	Do.	A process for the preparation of fire resistant coating material.
162504	4-10-1985	Do.	An improved process for the preparation of purified colloidal graphite having 0.1 to 2 micron particle size.

1	2	3	4
162522	5-12-1985	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-110001, India.	An improved process for the preparation of tetrabromo bisphenol-A.
162614	1-5-1985	Do.	An improved process for manufacture of calcium silicide.
162876	16-6-1984	Do.	An improved process for the selective separation of linear terminal olefinic hydrocarbons and n-paraffins from petroleum fractions
162912	6-5-1986	Do.	A process for the simultaneous preparation of sodium vanadate and zeolite by the thermal treatment of vanadium sludge.
163054	22-7-1985	Do.	Improvements in or relating to the preparation of epoxy polyamide titanium dioxide paint for irradiation resistant coatings.
163387	18-7-1985	Do.	Process for the production of a smokeless solid fuel fired domestic ovens & appliances.
163587	27-2-1985	Do.	A process for the preparation of cyclic acetals and ketals of P-Menth-1-ene-4, 8-diol (1, 3-dioxolanes) from P-Menth-1-ene-4, 8-oxide (terpinolene oxide).
163588	23-3-1985	Do.	An improved process for production of fluid pumpable non-settling concentrated water based slurry fuel.
163677	15-5-1985	Do.	A process for the removal of tarnished film from the surface of articles of silver, copper and their respective alloys.
164270	30-12-1985	Do.	Improvements in or relating to a process for the preparation of Corrosion/scale inhibitors suitable for prevention of metallic Corrosion & scale formation in system using different grades of water.
164271	31-12-1985	Do.	Process for the preparation of a stabilizer to inhibit autocatalytic decomposition of hydrogen peroxide added in pickling baths of copper and copper based alloys.
164274	31-10-1985	Do.	An improved process for the extraction of nickel from lateritic nickel ores.
164411	21-2-1986	Do.	A process for the production of stabilized coal water slurry useful as substitute in petroleum based fuel oil.
164457	6-3-1986	Do.	An improved process for the preparation of stable anionic fat liquors based on glyceride oils having iodine values less than 100.
164460	26-8-1986	Do.	An improved process for the preparation of 4,4 bis-dimethylamino diphenyl sulphone.
164487	25-3-1986	Do.	An improved process for refining of aluminium & its alloys.

1	2	3	4
164562	14-10-1981	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-110001, India.	An improved process for the desulphurization of ferrous melts in the iron & steel industry.
164581	23-7-1986	Do.	A process for the preparation of new aluminium based alloy anode for cathodic protection of structures submerged both in saline & waters.
164652	29-10-1986	Do.	A process for the preparation of zinc rich prima based on alkyl silicate for corrosion protection of steel.
164654	16-6-1986	Do.	An improved process for diffusion aluminising of shoped articles of low carbon steel & low alloy steel.
164658	12-2-1987	Do.	Improvement in or relating to a process for the preparation of quinidine from quinine.
164706	14-10-1985	Do.	An improved alkaline primary battery cell.
164779	19-8-1986	Do.	A process for the preparation of 8(4-D-Hexopyranosyl amino-1-methyl butylamino)-6-methoxyquinolines.
164964	30-8-1985	Do.	An improved process for the extraction of vanadium pentoxide from vanadium bearing titaniferous magnetites or any other vanadium bearing material.
164973	1-1-1987	Do.	A process for the production of pure silica & oxalic acid from paddy husk.
165035	25-3-1986	Do.	A process for the preparation of diesel oil & kerosene substitutes from heavy for traction obtained by low temperature carbonization of coal.
165431	12-8-1986	Do.	A process for the manufacture of submicron gate gas mosfets using contact photo lithography.
165433	31-10-1985	Do.	A process for production of electrolytic manganese dioxide along with activated manganese dioxide as a by product from material manganese ores.
165506	18-7-1985	Do.	Improvements in or relating to a process for the preparation of an inhibitor suitable for batch continuous pickling of steels in hydrochloric acid solution.
165510	12-2-1987	Do.	A process for the preparation of nitro potassic fertilizers & technical grade potassium nitrate from mixed salt.
165911	25-4-1986	Do.	A process for the preparation of 1-Aryloxy/1-L-Naphthyloxy-3-(Substituted-2-Benzoyl amino)-2-propanols.
165918	31-12-1986	Do.	A process for the synthesis of novel cis-1-Benzoyl-1, 2,3,4,49,5,11,11a-Octahydro-6H-pyrido (3-2-b) carbazole & cis-4 Benzoyl -1, 2, 3, 4, 49, 5, 6, 11c Octahydro-7H-Pyrido(2,3C)carbazole.

1	2	3	4
165919	3-12-1986	Council of Scientific and Industrial Research, Rail Marg, New Delhi-110001, India.	A process for the synthesis of novel cis-1, 2, 3, 4, 4a, 5, 11, 11a-Octahydro-6H pyrido (3-2-b) carbazole.
165920	11-12-1986	Do.	A process for the preparation of low molecular weight xylanase from china strain.
165976	16-6-1986	Do.	A method of production of hydrogen from biological wastes.
165977	11-8-1987	Do.	Improved electrolytic cell for the production of calcium gluconate.
166181	5-5-1987	Do.	An improved process for preparation of 2-bromo-1-phenylethanol.
154852	29-9-1980	DCM LTD, Kanchenjunga Bldg. Barakhamba Road, New Delhi-110031, India.	A process for manufacture of portland cement from waste sludge.
164644	15-10-1985	Degussa Ag. Frankfurt/Main, 6450 Hanau-1, Postfach 1345, Federal Republic of Germany.	Process for preparing bis (2)-ethylamino-4-Diethylamino-s-Triazin-6-YL tetrasulphide.
164686	16-7-1985	Degussa Ag. Do.	A process for the production of fillers.
168086	13-3-1987	Degussa Ag. Do.	A process for a dry cationization of galactomanna.
168505	15-10-1985	Degussa Ag. Do.	A novel method of producing vulcanized product.
159342	4-3-1983	Delhi Cloth & General Mills Co. Ltd. An existing Co. under the companies Act 1956 Bara Hindu Rao, Delhi, India.	An improved process for the manufacture of hydrated calcium hypochlorite.
159344	4-6-1983	Do.	An improved process for the manufacture of hydrated calcium hypochlorite.
159345	4-6-1983	Do.	An improved process for the manufacture of hydrated calcium hypochlorite.
159346	4-6-1983	Do.	An improved process for the manufacture of hydrated calcium hypochlorite.
168397	14-3-1988	Deutsche carbone AG Talstrasse 112, D-6000 Frankfurt am main 56, Fed. Rep. of Germany.	A method for the precipitation of mercury by electrolysis.
168897	14-3-1988	Deutsche carbone AG, Talstrasse 112, D-6000 Frankfurt am main 56, Fed. Rep. of Germany.	A method for the precipitation of mercury by electrolysis.
135081	29-8-1981	Deutsche veget-Alpine Industrierstrasse GmbH Nettse serstrasse 1 1p 4000, Deusseldorf 1, Fed. Rep. of Germany.	Process and apparatus for directly making liquid pigiron from coarse iron ore.
169560	27-7-1988	Dia-Ichi-Kogyo Seiyaku Co. 55 Nishishichijo Higushi-kubosho, Shimogyo-ku kyotoshi kyoto-tu- Japan.	Process for continuously preparing acrylic polymer gel.
168336	1-7-1987	Du pont canada Inc., Box 2200 street ville Mississauga ontario, Canada L5 M2H3, Canada.	Composite structures for use as gas barriers and process for preparing the same.
168566	25-11-1985	Edward Koppleman 4424 Bergamo Drive Encino, California 91316 U.S.A.	A process for obtaining moisture free organic carbonaceous material from moist material.

1	2	3	4
164648	20-2-1986	E. I. Du Pont De Nemours & Co. Wilmington, Delaware, U.S.A.	An improved method for the preparation of a mixture of mono-methylformamide & dimethylformamide.
164837	11-11-1985	E.I. Du Pont De Nemours & Co.	A process for producing dimethylamine.
164888	22-7-1985	Do.	Pre-expanded ion-exchange membranes.
164943	16-8-1985	Do.	Polyvinyl alcohol based waxfree composition.
165059	4-11-1985	Do.	An improved process for the preparation of isocyanates.
165657	24-4-1986	Do.	A process for producing dimethylamine.
165888	20-4-1987	Do.	Continuous filament polyester yarn having improved properties.
166557	5-2-1988	Do.	An improved composition for feeding shrimp having prolonged stability in water and resistant to easy disintegration or dispersion in water and a process for making the same.
167652	10-4-1987	Do.	A thermoplastic polyacetal composition and method of preparing same.
168201	9-9-1987	Do.	Continuous process for preparing polyester draw-texturing feed yarns.
168334	22-6-1987	Do.	A process for producing dimethylamine.
168516	23-4-1984	Do.	A crimped filament of poly ethylene terephthalate.
168993	24-4-1987	Do.	A method for the preparation of a pigment consisting essentially of rutile TiO_2 particles bearing coatings of alumina or alumina-silica.
168994	24-4-1987	Do.	A process for preparing TiO_2 particles bearing coatings of boron-modified silica.
169333	17-5-1988	Do.	An improved fibrous pulp of oriented polyethylene fibrils and process for making same.
169094	10-4-1987	Do.	Method of preparing thermoplastic polyacetal compositions.
170236	17-1-1989	Do.	Azeotropic compositions of 1,1-Dichloro-1-Fluoroethane and Methanol ethanol.
167104	11-8-1987	Emerson Electric Co. 8100 W. Florissant, St. Louis, Missouri, 63136 U.S.A.	Improved bearing retainer structure.
165476	18-5-1987	Emory University, 1380 South Oxford Rd., Atlanta, Georgia 30322, U.S.A.	Process for preparing an improved fibrinolytic compositions.
158021	12-2-1982	Energy Conversion Devices INC. 1675 West Maple Road, Troy, Michigan 48064, U.S.A.	Process for producing improved photo-responsive amorphous semi-conductors.
161512	13-7-1983	Do.	Method of forming a catalytic material for use as cathode for evolving hydrogen in electrolytic cell.
161892	24-9-1983	Do.	Process for making amorphous semiconductor substances on a substrate.

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168800	15-6-1988	FMC Corporation, 200 East Randolph Drive Chicago, Illinois 60601, USA.	A process for converting a starting mixture of crystallizable pyrethroid isomers to desired more pesticidally active isomers.
165910	10-12-1986	Fried krupp GmbH Altandorter strasse 103, D-4300 Essen 1, West Germany.	Process for producing coated molded bodies.
169043	1-2-1988	General Electric Co. 1 River Rd., Schenectady 5, New York, U.S.A.	A process for the manufacture of an oxidation and hot corrosion resistant composite article.
166425	4-11-1986	Giulini Chemic GmbH, Giulinistr. 2 6700 Lubrigshafen, West Germany.	A process for producing a three dimensional stiffening element.
158669	22-11-1982	Glaverbal chaussee dela Hulpe, 166 B-1170 Bruxelles Belgium.	A process for forming a refractory mass.
164064	23-12-1985	Gujarat State, Fertilizers Co. Ltd., P. O. fertilizernagar, Dist. Vadodara, Gujarat.	A process for the manufacture of copolymers of styrene and acrylonitrile.
164871	23-12-1985	Do.	Process for the recovery of sodium sulphate & mono carboxylic acids & di-carboxylic acids from caprolactam waste liquor.
164872	31-12-1985	Do.	Process for the recovery of sodium sulphate & mono carboxylic acids from caprolactam waste streams.
166304	14-4-1987	Do.	Improvements in or relating to a method of preparing methyl esters of di-carboxylic acids.
159911	15-2-1984	Hoechst AG, D 6230 Frankfurt-am Main 80, Federal Republic of Germany.	Stable aqueous liquid composition of reactive dyes containing B-sulfactoethyl-sulfonyl groups and method of producing the same.
162546	26-11-1984	Do.	Process for the preparation of 5-hydroxy-ethylsulonyl-2-amino. phenol and ethers thereof.
162547	21-2-1985	Do.	Process for separating 6-hydroxy-2-Naphthoic acid from its isomeric Hydroxy-naphthoic acids.
164619	17-3-1986	Do.	A process for preparing a water soluble azo compound.
164696	17-3-1986	Do.	Process for the preparation of water soluble monazo and disazo compounds.
164815	24-3-1986	Do.	Process for preparing 4-4'-di-aminodiphenyl compound.
164835	30-10-1985	Do.	Process for preparing highly concentrated aqueous press cakes of organic solids.
164897	24-3-1986	Do.	Process for preparing 4-4'-di-aminodiphenyl compounds.
164918	5-11-1985	Do.	Process for the preparation of monocyclic bisoxethyl sulfonyl benzenes.
165016	28-10-1985	Do.	Process for the preparation of copper-formazan compounds.
165086	22-8-1986	Do.	Process for the preparation of water-soluble triphen-dioxazine compounds.

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165204	1-4-1986	Hoechst AG. D 6230 Frankfurt - am Main 80, Federal Republic of Germany	Process for the preparation of water soluble monoazo and disazo compounds.
165208	6-8-1986	Do	Process for the preparation of arylamino- nitrophenyl hydroxy ethyl sulfones.
165330	8-5-1986	Do.	Process for preparing water soluble disazo compounds.
165430	6-10-1986	Do.	Process for the preparation of water soluble disazo compounds.
165583	14-7-1986	Do.	Process for the preparation of water soluble dyestuff.
165589	2-12-1986	Do.	Process for preparing a water soluble azo compounds.
165928	8-9-1988	Do.	Process for the preparation of water-soluble monazo & disazo compounds.
166361	15-7-1985	Do.	Process for the preparation of water soluble triphenyldioxazine compounds.
166536	6-2-1987	Do.	Process for the preparing water soluble triphenyldioxazine compounds and sulfonyl containing precursors thereof.
166741	5-11-1985	Do.	Process for preparing fibre water-soluble monoazo compound.
166744	8-12-1986	Do.	A process for preparing a water soluble triphenyldioxazine compounds.
166884	31-8-1988	Do.	Process for the preparation of oxethyl sulfonyl benzaldehydes.
166885	8-9-1988	Do.	Process for preparing water soluble azo compounds.
167072	6-8-1986	Do.	Process for the preparation of halophenyl hydroxyethyl sulphides.
167864	28-7-1987	Do.	A process for the preparation of water soluble triphenyldioxazine compounds.
168217	2-12-1987	Do.	Process for the preparation of water- soluble coloured compounds.
168508	1-2-1988	Do.	Process for the preparation of the lithium salt of a fiber reactive azo dyestuff.
168510	11-2-1988	Do.	Process for the preparation of acetoacety- laryl amides of reactivated aromatics.
168562	5-11-1985	Do.	Process for preparing a fibre reactive water soluble monoazo compound.
168567	12-4-1989	Do.	Process for the preparation of quinoxalones.
168801	26-8-1986	Do.	Process for the preparation of halophenyl hydroxyethyl sulfides.
168810	29-9-1988	Do.	Process for the preparation of hydroxyethyl sulphonyl amino benzoic acid.
168906	3-5-1988	Do.	A process for preparing a water soluble naphthylazopyrazolone compound.

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169334	9-5-1988	Hoechst AG, D 6230 Frankfurt-am Main 80, Federal Republic of Germany	Process for the preparation of water-soluble monoazo naphthol carboxylic acid compounds.
169387	24-5-1988	Do.	A process for preparing a water soluble disazo compound.
169433	6-1-1987	Do.	Process for the preparation of water soluble phthalosyamine dyestuffs.
165983	2-5-1986	Hoechst celanese corp. Route-202-206 North somerville, New Jersey 08876, U.S.A.	Process for the preparation of fiber reactive water soluble monoazo compounds
159188	5-4-1983	Imperial chemical Industries Plc. Imperial Chemical House Millbank, London SW1P, England.	Process for production of ammonia.
166162	12-6-1986	Imperial Chemical Ind. Plc.	An aqueous coating composition.
166776	10-7-1986	Do.	A process for preparing a biocide composition having enhanced storage stable and antifreeze properties.
167736	19-8-1986	Do.	Process for the production of a hydrogen containing gas stream.
168454	31-10-1986	Do.	A self supporting structure for use as catalyst support disposed within a containing vessel.
163581	12-8-1985	Indubhai Hemchand Parekh, C/o. The Gwalior Rayon Silk Mfg., (wvg) Co. Ltd, Birlanagar 456331, Nagda (MP) India.	An improved process for the manufacture of titanium dioxide from alum mud waste.
167174	28-4-1986	Inland Steel Co. Westmonroe street Chicago, Illinois 60603, U.S.A.	An improved method and device for manufacturing an alloy.
169291	2-12-1986	Do.	An improved method for producing continuously cast steel.
158194	8-4-1983	Institut Francais Du Pétrole, 4, Avenue De Bois Preau 92502, Rueil Malmaison, France.	Process for preparing a stable & transparent microletex used for injection into oil or gas wells.
169071	1-2-1989	Institut merieux 17 Rue Bourgetal 69002 Lyon, France.	Process for the large scale production of rabies vaccine.
169072	1-2-1989	Do.	Process for the large-scale production of a vaccine against poliomyelitis.
161311	5-5-1986	Ion Exchange (India) Ltd., Tigicon House D. E. Moses Road, Mahalaxmi, Bombay-11.	Preparation of improved isoporous anion exchange resin.
161593	16-12-1985	Do.	A process for preparing an electron exchange resin specifically suited for the removal of iron from water.
166910	27-10-1987	Do.	A process for preparing improved cation exchange resin.
169423	23-2-1989	Do.	A novel electro-chlorinator having a novel electrode system comprising a pair of electrode assemblies.
170481	19-4-1989	Do.	A novel chlorine activator for chlorinating potable water.

1	2	3	4
153857	17-2-1982	Isover saint Gobain Les Mirois 18 Avenue D'Alsace F, 92400 Courbevoie France.	Improvements to the process & an apparatus for forming fibres by means of centrifugation wheels.
159055	4-7-1983	Isover saint Gobain 18, Avenue D'Alsace, 93400 Courbevoie, France.	Process & apparatus for the formation of fibre felt containing additional substances.
159985	16-11-1984	Isover Saint Gobain Les Mirois 18, Avenue D'Alsace 92400 Courbevoie, France.	Process for the preparation of a condensation product of phenol formaldehyde and urea.
161084	23-3-1983	Do,	A process for preparing fibres of thermoplastic materials such as glass & insulating product formed from said fibres.
152252	30-5-1979	Magnesium Elektron Ltd., Lunn's Lane Clifton Junction Swinton, Manchester England.	A method of making magnesium alloys.
160086	3-8-1983	The babcock & wilcox Co, 1010 common Street P.O. Box 60035, New Orleans Louisiana 70160 U.S.A.	A method of generating steam.

COMMERCIAL WORKING OF PATENTED INVENTION

MECH. NO. GEN. LIST NO. 11

The following Patents in the field of Mechanic & General Engineering Industry, are not being commercially worked in India as admitted by Patentees in the statements filed by them under section 146(2) of the Patents Act, 1970 in respect of calendar year 1992 generally on account of want of request for licences to work the patented invention. Persons who are interested to work the said Patents Commercially may contact the patentees for the grant of a licence for the purpose.

Patent No.	Date of Patent	Name & Address of the Patentees	Title of the invention
1	2	3	4
166331	28-5-1985	A Ahlstrom Corporation SF-29600 Noormarkku, Finland.	A fluidized bed reactor.
162101	28-6-1983	AJO-Stahlbau GmbH & Co, KG, Postfach 1224, D-5905 Freudenberg, West Germany.	Apparatus for the draining of granular material particularly granulated blast furnace slag.
161981	20-10-1983	Aluminium Pechiney 28 Rue de Bonnel, 69003 Lyon, France.	Closed apparatus providing potential fluidization for horizontally conveying powder material.
162004	1-5-1984	Do,	Closed apparatus with potential fluidization for horizontally conveying powder materials.
162078	18-7-1985	Aluminium Pechiney 23m, rue Blazac 75008, Paris, France.	Apparatus for continuously brushing & lubricating rolls of rolling mills for flat rolled products.
166066	15-6-1987	Do,	Pipes having orientable nipples for furnaces for firing carbonaceous blocks.
167646	5-6-1987	Do,	Apparatus for optimising combustion in a chamber furnace.

1	2	3	4
167522	29-12-1987	Bajaj Auto Ltd. Akurdi, Pune 411 035, Maharashtra.	A flasher unit for flasher direction indicators for motor vehicles.
166127	29-9-1986	Baramac Corporation clear Ridge R.D. 2, Ruawhi, New Zealand.	Improvements in or relating to ground anchors.
159638	5-5-1983	Bar-Ilan University Ramat Gan, Israel.	An apparatus for separating selected biological cells for other such cells.
167336	13-5-1986	BERA Anstalt Aculenstrasse 38, FL-9490 Vaduz, Fürstentum Liechtenstein.	Apparatus for the production of carbon black.
167337	13-5-1986	Do.	An installation for the production of carbon black.
167338	13-5-1986	Do.	Apparatus for the production of carbon black.
167814	14-7-1986	BERA Anstalt Aculenstrasse 38, FL-9490 Vaduz Liechtenstein.	Process for the manufacture of low-ash electrically conductive carbon black and an apparatus for making the same.
158883	30-8-1982	Bergwerksverband GmbH Franz-Fischer Weg 61 4300 Essen 13, West Germany.	A device for closing fuels particularly caking fuels in fluidized bed reactor.
161558	13-10-1983	Bernard Zimmern Vantage Point Condominium 6 New Street East Norwalk, CT 06855, U.S.A.	An economizer device for refrigerating machine, a heat pump or the like.
156150	24-5-1982	Bridgestone Corporation 10- Kyobahf 1 Chome, Chou-ku, Tohyo, Japan.	A volumetric machine with screw and pinion wheel.
163664	17-12-1984	Bridon Plc, Warmsworth Hall Doncaster, DN 4 8VX, England.	Method of forming flexible tension members & flexible tension member thereby formed.
162486	14-3-1985	Brüta Wasserfilter GmbH, Waldstr 4, 6204 Taunusstein 4, Federal Republic of Germany.	Insert for a water purification device and a water purification device having said insert.
154674	29-9-1980	British Aerospace Plc 100 Pall Mall, London SW 1 Y 5 HR England.	An aircraft take-off ramp.
168782	15-5-1989	Bajaj Auto Ltd. Akurdi, Pune 411 035, Maharashtra.	Improved lamp circuit for motor scooters, motor cycles and three wheeler motor vehicles.
156462	25-6-1981	Council of Scientific and Industrial Research Rafi Marg, New Delhi 110001 India.	An improved diffusion boat for simultaneous diffusion of P & N Dopants.
155879	10-4-1981	British Aerospace Plc, 100 Pall Mall, London SW14y SHR, England.	Magneto-optical phase-modulating devices
155880	10-4-1981	Do.	Ring Laser Gyroscopes.
165778	21-8-1985	Do.	A system for open sea transfer of articles between one vessel and another.
162794	29-6-1984	Do.	Multiple axis ring laser gyroscopes.
167183	14-3-1986	British Steel Plc.,	An outlet valve for a melt containing vessel.
169511	3-5-1988	B. V. Optische Industries.	Device for slit radiography with image equalization.
169731	29-3-1988	Do.	Apparatus for slit radiography equipped for taking equalized x-ray photographs.
170032	5-9-1988	Do.	Equipment for slit radiography.

1	2	3	4
166611	17-6-1986	B.W.N. Vortoil Rights Pty. Ltd. 4 Park Drive, Dandenong, 3175, Victoria, Australia.	Cyclone separator.
167505	26-8-1987	B.W.N Vortoil Rights Pvt. Ltd. 180 Fleet Street, London, EC 4A 2 NT, U.K.	Do.
162488	31-7-1985	Canziani Francesco, Via Contrado Ferrine 21, San Macario (Varese) Italy.	Plant for sorting items with self driven carriages.
163087	10-2-1986	Do.	Self-driven carriage for sorting plants.
167989	19-10-1987	Caronva Industries Limited 76 Magill Road, Norwood, south Australia, 5067, Australia.	Dual flush cistern mechanism.
154594	23-4-1981	Center for Design Research and Development N. V. John B. Gersiraweg 6, Curacao, Netherlands.	A mounting device for a chair seat.
164647	6-2-1986	Ceramica Filippo Murazzi S.P.A. Via della Zecca, 140121 Bologna. Italy.	A process and apparatus for producing glazed ceramic tiles.
151688	29-5-1981	C. Eugen Maier Metallverarbeitung GmbH, Friedrich List-Strasse 41, PF-1745, 7012 Fellbach, West Germany.	Flyer for yarn or thread winding device.
153962	29-5-1981	Do.	Presser of a flyer for a yarn or thread winding device.
164340	24-9-1986	Chin-Wang Tsai 5th Floor, 87 Chong Gong Road, Sec-3, Taipei, Taiwan, Rep. of China.	Fire escape.
151122	25-4-1980	Clayton Dewandre Co. Ltd. P. O. Box 9, Titanic works Lincoln LN 5 7JL, England.	A protection valve for fluid operated systems.
168622	28-9-1987	Combustion Engineering Inc 1000 prospect Hill Road, windsor Connecticut U.S.A.	Apparatus for monitoring the chemistry of water and steam in a steam generator steam cycle.
169048	15-2-1988	Do.	Coal pulverizer inerting and fire extinguishing system in a bowl mill for pulverising a coal.
161455	25-7-1984	Continental Conveyor and Equipment Company P. O. Box 400, Winfield, Alabama 35594, U.S.A.	High angle conveying a apparatus.
150486	18-3-1980	Council of Scientific and Industrial Research Rafi Marg. New Delhi-110001, India.	The continuous process for the surface graining of aluminium foil for aluminium offset lithographic plates used in duplicating machine.
152996	19-9-1980	Council of Scientific and Industrial Research Rafi Marg, New Delhi-110 001, India.	An improved resistant antivibration mounting for a machine to be fitted on a foundation or supporting structure.
153023	22-8-1979	Do.	Multi stage atomising Burner.
153301	31-1-1981	Do.	An improved rotary kiln for carrying out chemical reaction between solids and fluids fluids and fluids.
153423	12-11-1980	Do.	Improved modules with three dimensional spaco joint device for use in the fabrication of structures.
154077	28-4-1980	Do.	An improved air spora samples device.

1	2	3	4
155016	27-11-1980	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-110001, India-	Improved process for manufacture of copper ruby glass ware & like articles & copper ruby glass articles thus obtained.
155211	31-12-1980	Do.	A device for continuous separation of light-fraction from heavier fractions of decorticated grains using a liquid system.
155359	11-2-1981	Do.	A process for activating particulate carbon in a rotary kiln by treatment with fluids.
156155	21-6-1982	Do.	A trowel vibrator device for producing vibrations in civil engineering, chemical and metallurgical industries.
156163	2-9-1982	Do.	An Improved hot air generator fired by particulate fuels.
156459	4-6-1981	Do.	Process for the coating of solar cells with anti-reflection film.
157165	25-10-1982	Do.	A dust arrester device for large diameter dephole drilling for open cast mines.
157696	26-2-1982	Do.	An improved liquid fuel fired burner.
157849	25-6-1982	Do.	A machine for internal and/or external surface coating of steel pipes with concrete or cement mortar
157850	30-6-1982	Do.	A composite multisection quick release centering prop for use in-situ concrete constructions.
158091	25-2-1982	Do.	An improved process for the production of stainless steel clad aluminium sheets.
158407	14-11-1983	Do.	An improved device for measuring flow rates of fuels.
158837	25-3-1982	Do.	An improved liquid fuel burner in oil fired furnaces.
159881	10-6-1983	Do.	An improved burner with fluid fuels.
160098	21-1-1984	Do.	A device for burning solid fuels for domestic cooking and like purposes.
161054	23-7-1985	Do.	Improvements in or relating to package water treatment plants for waters of varying turbidities.
161452	4-7-1984	Do.	Improved automatic water sprinkler for use as a fixed fire protection device.
161527	5-11-1985	Do.	Improvements in or relating to fish mincing machine.
162243	9-12-1985	Do.	Gas sparger for exothermic Gas-solid reactions.
162627	8-3-1985	Do.	Low power water cooled klystron valves.
162646	13-9-1985	Do.	An improved device for measuring weight of charge unloaded by the rotary wagon typler from wagons.
162998	11-6-1985	Do.	An improved refrigeration device for cold storages.

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163177	30-8-1985	Council of Scientific and Industrial Research Rafi Marg, New Delhi-110 001, India.	An improved device for starting Room air conditioner units.
163395	29-3-1985	Do.	Swing blade crosswind axis turbine.
164268	12-12-1985	Do.	An improved dual fuel injection device for gas turbine combustion chamber and a gas turbine engine fitted with the said fuel injector.
164582	13-8-1986	Do.	A method for preparing a device for the controlled release of a biocidal chemical in aquatic systems for the control of pestilential/pathogenic.
166144	12-2-1987	Do.	A turbine blade having inbuilt cooling arrangements.
166745	22-12-1986	David Godthey Williams 6, Quayside, Little Neston, South Wirral L 640T3 England.	A valve component for a frictionless guided valve.
164368	20-6-1986	Degussa AG Frankfurt /Main 6450 Hanau 1, Postfach 1345, Fed Rep of Germany.	Process and apparatus for producing carbon black.
165739	17-7-1986	Do.	Apparatus and process for producing carbon black.
168656	12-5-1988	Do.	Holding elements made of graphite for the heating elements in the industrial furnaces.
168832	26-11-1986	Do.	An atomizing nozzle and a process for forming an atomizate by the use of said nozzle.
157687	29-8-1981	Deutsche Voest-Alpine Industrieanlagenbau GmbH, Werksgelände, A-40 10Zinz Austria.	Apparatus for directly making liquid pig-iron from coarse iron ore.
164913	25-6-1985	Do.	Apparatus for cooling hot producer gas containing tacky particles which lose their tackiness on cooling.
165848	1-7-1986	Do.	An apparatus for producing cooling gas.
160718	16-11-1984	Dharambir Gadh, The Tata Iron & Steel Company Limited Jamshedpur, Bihar, India.	An improved reinforcement bars.
159580	13-8-1984	Didier Engineering GmbH Alfredstrasse 28, D-4300 Essen 1, Federal Republic of Germany.	A process and apparatus (Plant) for preparing film or band type materials having enhanced upper surface roughness and anti-blocking properties.
169834	29-3-1989	Didier-Werke AG Lessingstr 16-18, D-6200/Wiesbaden West Germany.	Devices for converting solar energy into process heat.
165246	13-7-1987	Dinesh Chandra Singhal, The Tata Iron & Steel Co. Ltd., Jamshedpur, Bihar, India.	A machine for stamping identification marks on billets, blooms and slabs.
168543	25-11-1987	Do.	Fuel and reducing gas generator.
168557	14-1-1988	DIPL-ING HANS OTTO MIETH Sandkrug 3, D-2058 Schwakenbek, Germany (F.R.G.)	Apparatus for controlling a leakage cavity of a valve.
167788	14-10-1987	Du Pont Canada Inc, Box 2200 Streetsville, Mississauga, Ontario, Canada L 5M 2H3, Canada.	Method and apparatus for installing a pipe liner of synthetic polymer in a pipe section.
165901	8-7-1986	Eaton Corporation, Eaton Center, Cleveland Ohio 44114, U.S.A.	Ring gear/pinion gear drive gear sets.
166618	9-12-1986	Do.	A clutch control system.

1	2	3	4
168206	28-2-1988	Eaton Corporation 1111 Superior Ave Cleveland, Ohio 44114 U.S.A.	Method for producing ring gears for heavy duty drive axles.
168542	23-11-1987	Do.	Fluid actuated shift bar housing assembly.
169022	8-2-1988	Do.	Method for producing near net ring gear forgings
165244	20-4-1987	E. I. Du Pont De Nemours & Co Wilmington, Delaware U.S.A.	Continuous filament polyester yarns.
165842	26-5-1986	Do.	A laminar, molded, hollow article and process for making same.
165905	11-8-1986	Do.	Apparatus and method for cutting tows into predetermined lengths.
165948	7-8-1987	E.I. Du Pont De Nemours & Co.	Anchor bolt assembly.
168002	22-4-1987	Do.	Improvements in or relating to a melt spinning process.
169691	12-8-1988	E I Burador Holdings pty Ltd, 30 Palings Court Nerang, Queensland 4211 Australia.	An improved building structure.
158302	11-2-1983	Electro Metalloid Corporation, Irvington, State of New York, U.S.A.	A continuous yarn or tow comprising high strength metal coated fibers process for their production and articles made therefrom.
167866	17-9-1987	EMITEC GESELLSCHAFT FUR EMISSION Technologie mbH Hauptareasse 150, 5204 Lohmar 1, West Germany.	Process for producing an assembled camshaft.
169579	19-3-1988	Do.	A hollow drive shaft assembly having hollow shaft and drive elements.
170648	3-11-1988	Do.	Method of assembling crankshafts and crankshafts thereby produced.
170888	17-2-1989	Do.	Gearwheel.
170936	6-1-1989	Do.	Assembled shaft especially camshaft, crankshaft for Driveshaft.
158452	22-4-1983	Energy Conversion Devices Inc 1675, West Maple Road, Troy, Michigan 48084, U.S.A.	An improved gas gate.
165372	5-3-1982	Do.	Apparatus for providing a substantially uniform supply of gas to the surface of a substrate on which at least one layer of amorphous semiconductor material is being deposited.
168244	29-7-1988	Etablissements Morel Ateliers Electromecaniques De Faviers 28170 Chateaubeyfen Thymerais, faviers Cidex 0729, France.	Cartridge for injecting a mixture of two liquid constituents.
167867	25-9-1987	Fabrique Nationale Herstal 4400 Herstal, Belgium.	Telescopic grenade.
156491	30-9-1982	Flonic, 12 Place Des Etats-Unis, BP 422, 92541 Montrouge, Cedex, France.	Improvements in axial turbine flowmeters.
156823	13-9-1982	Foibo Krommenie B-V Pad-Jaan 31, Krommenie, Netherlands.	A floor covering
169434	11-2-1987	Franz Welz Internationale A-5021 Salzburg Ernest Thun stress 8, Austria.	A refrigerating tank for forming a refrigerate atmosphere for refrigeration of goods.
164214	30-5-1985	Fred D. Solomon 979 Meadow Park, Drive Akron, Ohio 44313, U.S.A.	Apparatus for converting thermal radiation into mechanical work such as a solar power pump assembly.

1	2	3	4
163618	19-8-1986	Fried Krupp GmbH, Altendorfer Strasse 103, D-4300 Essen 1, Fed. Rep. of Germany.	Couplings for metal cutting tools.
164592	27-4-1985	Fried Krupp GmbH Altendorfer Strasse 103, D-4300 Essen, 1, Federal Republic of Germany.	Cable Hoisting mechanism of a crane.
167101	16-6-1987	Do.	Cutting tool.
167861	16-2-1987	Do.	Discharge unit in containers such as cylindrical silos or bunkers especially for slugging and/or caking particulate materials.
168652	30-3-1988	Do.	A tool changing device.
168758	29-2-1988	Do.	Toal Coupling.
169038	20-6-1988	Do.	A rotationally symmetrical tool assembly.
169496	11-4-1988	Do.	An apparatus for receiving a tool carrier.
165352	10-3-1986	Fritz Studer AG 3602 Thun, Switzerland.	A process for manufacturing concrete polymer machine parts and machine parts made of concrete polymer.
165250	7-2-1986	Fuel Concepts Inc. 500 Coriswold, Detroit, Michigan 48226, U.S.A.	A fueling module for supplying natural gas natural gas fueled torch apparatus.
168944	23-10-1987	Fujikura Limited 5-1 Kiba 1 Chome Kohtoh-Ku, Tokyo, Japan.	An insert part for sealing cable junctions.
169079	23-10-1987	Do.	An assembly for sealing cable junctions.
166427	5-11-1986	Galbraith Engineering Pty. Limited Moutreal Road West Midland Weston Australia, 6056, Australia.	Reciprocatory Machines.
161338	18-8-1984	GEA Luftkuhlergesellschaft Happel GmbH & Co. 43-47, Königsallee, 4630 Bochum, Fed. Rep. of Germany.	Energy displacement apparatus for a desulphurization plant.
161478	29-5-1984	GEA Luftkuhlergesellschaft Happel GmbH & Co. 4630, Bochum, Federal Republic of Germany.	Air-cooled surface condenser.
161728	12-2-1985	GEA Luftkuhlergesellschaft Happel GmbH & Co. 43-47, Königsallee, 4630 Bochum, Federal Republic of Germany.	Apparatus for drawing on transverse ribs.
162123	14-5-1984	Do.	Apparatus for heat exchange.
162655	11-7-1984	Do.	Air-cooled surface condenser.
162665	14-5-1984	Do.	An improved process for the production of ribbed pipes of non-ferrous metal.
162666	25-6-1984	Do.	Heat exchanger with heat exchanger pipes ribbed over their entire length and method of preparing heat exchanger.
162791	14-5-1984	Do.	Apparatus for indirect heat exchange.
162867	14-5-1984	GEA Luftkuhlergesellschaft Happel GmbH & Co. 4630 Bochum, Federal Republic of Germany.	Desublimator.
163995	17-5-1985	GEA Luftkuhlergesellschaft Happel GmbH & Co. 43-47, Königsallee, 4630 Bochum, Federal Republic of Germany.	Device for transferring the cooling water of a wet cooling tower or a wetdry cooling tower to a recycling system for water distribution.

1	2	3	4
164073	12-4-1985	General Electric Company 1, River Road Schenectady state of New York, 12305, U.S.A.	Electromagnetic levitation casting apparatus having improved levitation coil assembly.
169927	10-12-1987	Georg Fischer Ag, CH-8201 Schaffhausen, Switzerland.	A process for producing casting molds by selectively compressing granular material in a molding box
155347	10-3-1981	Gewerkschaft Eisenhütte Westfalen GmbH D-4670 Lünen, West Germany.	Apparatus for extracting or winning mineral material in mines.
159919	28-6-1984	Gewerkschaft Eisenhütte Westfalen GmbH D-4670 Lünen, Federal Republic of Germany.	A through member for a scraperchain conveyor particularly for use in mining operations.
164099	20-8-1986	Do.	Mine plough installation with knife plough.
163660	9-7-1986	Grabher Indosa Maschinenbau AG, Industrie-strasse 24, CH-9434 AU, Switzerland.	A can process for its production and apparatus for carrying out the process.
166533	6-1-1987	Hans Spelten, Frankstr 21, D-4054 Nettetal 2, Fed. Republic of Germany.	Structural Bar.
156287	20-3-1982	Harendra Shantilal Gandhi, 95 Part Street, Calcutta-700 016, West Bengal, India.	An apparatus for removing moisture from a web sheet material.
162146	26-9-1984	Harendra Shantilal Gandhi 95, Park Street Calcutta-700 016, West Bengal, India.	Improvements in or relating to looms.
159941	17-11-1984	Harish Textile Engineers PVT. Ltd. 19, Parsi Panchayat Road, Andheri East Bombay-400069	Improvement in drying apparatus for drying long length of fabric.
167353	13-3-1987	Haugbesund Mek, Verksted A N-5500 Hauge-sund, Norway.	A method for constructing huge modules and a module constructed by said method.
164098	3-12-1985	Henry C. Penner, 2025 Kenilworth Avenue Louisville, Kentucky 40205 U.S.A.	Hand-held communication devices and two way communication systems comprising said device.
161746	31-1-1984	H. Erich, Sandweg 1, 6969 Hardheim, West Germany.	Method of Regenerating old casting sand and apparatus for carrying out the method.
166378	31-7-1986	Hino Jidosha Logyo Kabushiki Kaisha, 1-1, Hinodara 3-chome, Hino-shi, Tokyo, Japan.	A machine tool for drilling of jobs and work on drilled jobs simultaneously in parallel manner.
154208	23-4-1981	Hitachi Ltd. 5-1, 1-Chome, Maruno-cho Chikuyoda, Tokyo, Japan.	Speed change gearing for crusher.
169064	3-11-1988	Hoerbiger Ventilwerke Akt Brauhuberggasse 49 A-1110 Vienna, Austria.	Compressor plate valve.
167729	17-12-1987	Hyderabad Industries Ltd. Saratnagar, Hyderabad-500018, Andhra Pradesh, India.	Improvements in or relating to cast iron detachable joints for joining pipes particularly pressure pipes like fibre cement pipes, cast iron pipes and the like.
168178	8-11-1988	Do.	An apparatus for use in unloading of materials from railway or similar carriers.
158852	15-4-1982	Institut français Du Pétrole, 4, Avenue De Bois Preau 92502 Rueil Malmaison France.	Device for increasing the temperature of a geological formation traversed by a bore hole.
167683	12-2-1987	Interlego Ag Neuhoferstrasse 21, CH-6340 Baar, Switzerland.	Toy truck for toy vehicles.
167958	14-7-1987	Do.	Toy cog railway.

1	2	2	4
164915	21-8-1985	International Control Automation Finance S.A. Ville de-luxembourg, 16 Ruedes bains, Luxembourg.	Sensor for a vortex sheedding flowmeter.
169098	14-11-1986	Do.	A filter shield assembly.
169099	14-11-1986	Do.	A gas sampling apparatus for a coal mill.
169381	01-01-1988	Do.	Apparatus for aligning fibre optic cables.
169553	13-7-1988	Do.	Pressure transducer using thick film resistor.
164234	17-12-1985	Ion Exchange (India) Ltd, Ticcon House Dr. E. Moscs Road, Bombay 400011.	An adaptor for use in securing a strainer assembly to a hole in a strainer plate in a strainer filter.
164235	17-12-1985	Do.	A continuous water filter comprising an elongated column.
166972	5-5-1987	Do.	An improved continuous closed water filter.
169914	23-2-1989	Do.	Improvements in or relating to devices used for resin based treatment of liquids such as water softening, de-ionization, non water treatment like purifying glyoxal, sugar solutions and effluent treatment.
170484	23-5-1989	Do.	An improved electro-chlorinator system for chlorination of water.
163766	30-12-1985	Iorworth Thomas, 37 Midway Road, Wilkin state Brownhills, West Midland England.	An engine assembly.
158377	19-3-1984	Isover Saint Gabain, 18 Avenue D'alsace 92400 Courbevoie France.	Improvements to internal combustion burners.
156992	16-7-1982	Japan Pipe Conveyor Co. Ltd., 1-1-1 Chome, Sakai Machi, Kokurakita-ku, Rita, kyushu-shi Fukuoka-ken Japan.	A machine for transferring bulk material using a tubular belt.
157597	16-7-1982	Do.	A device for preventing a flexible tubular belt from twisting for use in a tubular belt conveyor.
163736	25-3-1986	Lietmar Boenisch, Ermi-welter-strasse 8, D- 5100 Aachen, Federal Republic of Germany.	Method of and apparatus for manufacturing foundry molds.
164324	28-8-1985	The Babcock & Wilcox Co. 1010 Common street P.O. Box 60035 New Orleans, Louisiana 70160 U.S.A.	Improvements in or relating to apparatus for measuring the mass flow rate of solids & air.

COMMERCIAL WORKING OF PATENTED INVENTIONS

[ELECT. ENGG. LIST NO. II

The following patents in the field of Electrical Engineering Industry are not being commercially worked in India as admitted by Patentees in the statements filed by them under section 146(2) of the Patents Act, 1970 in respect of calender year 1992, generally on account of want of request for licences to work the patented invention, persons who are interested to work the said patents commercially may contact the Patentees for the grant of a licence for the purpose.

Patent No.	Date of Patent	Name & Address of Patentee	Title of the Invention
1	2	3	4
167001	19-02-1986	Adess Singh, C/o. Mrs. Mohinder Kaur, BXX-1095, Street No. 6, Gurdev Nagar, Ludhiana, Pin-141001 India.	A magnetic attraction electric motor with a conductorless rotor.
153086	19-09-1980	Alcan International Ltd., 1188 Sherbrooke Street west Montreal, Quebec, Canada- H3a 3G5.	An electric primary cell.

1	2	3	4
168319	10-03-1987	Benke Instrument & Elektro AG, Rutireg 9, CR-4133 Pratteln.	A process analyzer system.
152282	23-02-1980	British Aerospace Plc, 100 Pall Mall London, SW1Y5HR, England.	Improved W.I.F. Antenna with tuned circuit.
163795	12-06-1985	British Telecommunication Plc, 81 Newgate Street London E C1A 7 A J England.	Electronic tracking system for microwave antennas.
168886	15-12-1986	British Telecommunication Plc, 81 Newgate Street London E C1A 7 A J England.	A system for routing telecommunication traffic through a circuit switched network.
165006	15-07-1986	Brown, Boveri & Cie AG, Kallstadter Strasse 1 D-6800, Munnheim, Katertal, West Germany.	Centralized control receives for power distribution networks.
165686	29-07-1987	B.V. Optische Industries, Van Miereveltaan 9 2612 Xe Delft, The Netherlands.	Method of manufacturing an image detection device for radiographic purposes.
166462	9-12-1986	Do.	Piezoelectric attenuation tongue system for slit radiography equipment.
168082	9-12-1986	Do.	An improved dosimeter for ionising radiation apparatus for slit radiography.
168083	9-12-1986	Do.	Apparatus for slit radiography.
168333	19-06-1987	Do.	A device for slit radiography.
168569	9-12-1986	Do.	A slit radiography equipment.
157642	30-01-1982	Chief Controller Research & Development, Ministry of Defence, Govt. of India, New Delhi, India.	Digital blast data recorder.
168222	18-03-1987	Clarence Sexton Freeman, 16242 Katherin Lane Channelview Texas 77530 U.S.A.	A process of electrochemically coating a metallic wire.
168315	30-01-1987	Combustion Engineering Inc, 1000 Prospect Hill Road, Windsor Connecticut, U.S.A.	Control systems for exercising control over an industrial process.
168554	28-10-1986	Common Wealth of Industrial Research Scientific Organisation, Limestone, Avenue compbell, Australia Capital territory, Common-wealth of Australia.	Composite electrode materials for use in solid electrolyte device and solid electrolyte device including said electrode.
152705	16-06-1980	Contraves Italia SpA, Via Affile, 102-00131 Rome, Italy.	An integrated radar antenna array.
152856	27-09-1980	Council of Scientific and Industrial Research Rafi Marg, New Delhi-110 001.	A process for the production of improved corrosion resistant zinc coatings on steel substrates by electrode position.
153515	22-12-1980	Do.	An improved process for the electrodeposition of coating on metal substrates.
153861	8-05-1981	Do.	An audio-visual film strip projector device for frame by frame projection of a film strip.
155184	27-03-1982	Do.	An improved electrolytic cell suitable for the Cathodic reduction of nitro compounds to amino compounds.
156154	9-07-1982	Do.	Sealing device for rendering fluid light on entry point of an electrical cable, wire or conductor to an electrical apparatus.
158256	23-04-1983	Do.	An improved process for the preperation of anhydrous magnesium, chloride for use as cell feed for the electrolytic production of magnesium metal.

1	2	3	4
159410	7-08-1984	Council of Scientific and Industrial Research Rafi Marg, New Delhi-110 001.	An improved process for the manufacture of silicon varactordiods from epitaxial wafer.
160011	6-06-1984	Do.	A modified starter for a single phase induction motor.
161135	10-04-1984	Do.	A digital sine and cosine function generator for use in electronic instruments which require discrete frequencies.
161980	1-07-1985	Do.	An improved process for the preparation of manganese dioxide titanium anodes for use in the production of electrolytic manganese dioxide.
162241	5-12-1985	Do.	A method of making a sensor for multi-ion sensitive electrode and voltammetric applications and the sensor so made.
162352	8-11-1985	Do.	An improved process for the preparation of ruthenised titanium electrodes.
162733	13-09-1985	Do.	Improvement in or relating to Hexadecimal keyboard.
163102	21-02-1986	Do.	Improvements in or relating to frequency Agile Magnetron.
163185	30-08-1985	Do.	A direct reading four probe resistivity meter.
163219	17-02-1986	Do.	An improved process for electrolytic production of lead.
166148	5-06-1987	Do.	Improved process for making silver sensing ion-selective coated film.
166188	23-03-1987	Do.	Microprocessor based automated control unit for monitoring multi electrochemical protection system.
166254	27-09-1987	Do.	Method of making chemically modified iodide ion selective electrode.
169066	10-11-1988	Danfali & C. Officine Meccaniche Spa. Via Nazionale 33042 Buttrio Italy.	Device to intensify the magnetic field in an ingot mould.
167229	30-05-1988	Dagussa AG Frankfurt/Main, 6450 Hanau 1, Postfach 1345, Federal Republic of Germany.	Electrical contacts.
161996	27-04-1984	Deutsche Thomson Brandt GmbH, Hermann Schwer-Str. 3, P.O. Box. 2060, D-7730 Villingen-Schwenningen, Federal Republic of Germany.	A circuit for television receiving sets.
166121	11-02-1983	Electro Metalloid Corpn, Irvington, State of New York, U.S.A.	Improved reinforced matrix comprising reinforcing yarns or tows.
169014	24-03-1987	Emerson Electric Co, 8103 W Florissant, St. Louis Missouri 63136, U.S.A.	Permanent magnet assembly and method of making same.
161516	12-12-1983	Fairford Electronics Ltd, Maynard House 3, The Plains, Totnes, Devon England.	Apparatus for automatically setting the value of a reference signal.
162734	14-05-1980	General Electric Company, 1 River Road, Schenectady 5, New York, U.S.A.	Improved impregnation capacitor.

1	2	3	4
153617	27-03-1981	General Electric Company, 1 River Road, Schenectady 5, New York, U.S.A.	An electrical capacitor electrode foil method of manufacturing the same and an electrical capacitor having such foil.
163373	15-04-1985	Do.	Continuous metal tube casting method apparatus and product.
168481	7-09-1987	Gobind Sanwaria, Sone Patti, P.O. Jharla, Dhanbad Bihar India.	A novel electronic choke for fluorescent lamps.
168496	4-11-1987	Goldstar Co. Ltd. 20 Yoidodong, Youngdungpo-gu Seoul 150 South Korea.	A switching-type stabilizing power supply circuit.
153576	8-12-1980	Heracus Elektroden GmbH Heracuster 12-14, 6450 Hanau (Main) Germany.	Electrode for electrolysis cells.
165747	4-06-1986	Hitachi Ltd, 6, Kanda Surugadai, 4 Chome, Chiyoda-Ku, Tokyo, Japan.	A multiple computer system having a plurality of computers interconnected via transmission path.
161609	8-02-1985	Hollandse Signaalapparaten B.V. Zuidelijke Havenweg 40, 7550-GD Hengelo, The Netherlands.	Radar System.
161921	26-08-1985	Do.	Apparatus for maintaining the orientation of an antenna system with respect to a beacon.
166382	11-08-1986	Do.	Pulse radar apparatus.
168837	27-11-1987	Do.	A communication system.
168995	27-07-1987	International Control Automation Finance S.A. Villo de-luxembourg, 16 Rue des bains Luxembourg.	A self tuning system for process control.

REGISTRATION OF DESIGN

The following designs have been registered. They are not open to inspection for Period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 3. No. 166310, Sarada Industries an Indian proprietorship firm of 36, Strand Road, Calcutta-700001, West Bengal India. "WHEEL HOE WITH SCRAPER FOR AGRICULTURE", 4th October, 1993.

Class 3. No. 165922, Eagle Flask Industries Pvt. Limited, an Indian company at Talegaon 410507, Dist. Pune, State of Maharashtra, India "FLASK", 26th July, 1993.

Class 3. No. 165579, Creations, an Indian sole proprietor's firm carrying on business at Krishna Bhawan, 4th floor, 146, Dr. Viegas Street, Bombay 400002, Maharashtra, India, "TORCH", 23rd April, 1993.

Class 3. No. 165935, Himland Industries, props. Ramji Bhai & Sons Private Limited, Flat No. 8, Khan Market, New Delhi-3, India, "BOTTLE", 26th July, 1993.

Class 3. No. 165642, Niranjani Plastics, 19/7, Botawala Building, Silladevi Temple Road, Bombay 400016, Maharashtra, India, an Indian proprietary firm, "PLASTIC DRUM", 13th May, 1993.

Class 3. No. 165641, Sumeet Machines Pvt. Ltd. of A/11-2 & A/11-3, Ambad, Industrial Estate, Addl. Nasik Indl. Area, Nasik-422010, Maharashtra, India, Indian company, "MIXER", 13th March 1993.

Class 3. No. 165693, Jaycare Limited, a British company of 14 Alder Road, West Chilton North Industrial Estate, North Shields, Tyne & Wear NE 29 8 SD, England, "CONTAINER", 1st June 1993.

Class 3. No. 165739, Khantilal Ramniklal Shah Indian national of Swastik Trading Company at Mahavir Nagar, Godown No. 3, Factory Lane, L. T. Road, Borivali (W), Bombay-400092, State of Maharashtra, India, "CONTAINER", 9th June 1993.

Class 3. No. 165707, Motorola, INC, a corporation of 1303 East Algonquin Road, Schaumburg, Illinois 60196, United States of America, "FRONT MOUNT DISPLAY PAGER", 4th June 1993.

R. A. ACHARYA

Controller Genl. of Patent, Design & Trademarks

प्रबन्धक, भारत सरकार मंत्रालय, फरीदाबाद द्वारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1994

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD.
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1994